

2001年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |       | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|-------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |       | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低    | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min.  |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |
| 01   | 1     | 1.6             | 6.5  | -4.2  | 2.1              | 2.4 | 2.9 | 4.8 | 8.6 | 13.0      | 51.3   | 0.5      | 6.6     | 1.2           | 9.4  | W    |
| 01   | 2     | 3.1             | 11.1 | -4.8  | 1.2              | 1.9 | 2.8 | 4.9 | 8.5 | 12.9      | 43.2   | 0.0      | 5.4     | 1.9           | 9.7  | WNW  |
| 01   | 3     | 2.3             | 7.6  | -2.1  | 1.6              | 2.2 | 2.9 | 4.8 | 8.3 | 12.8      | 30.4   | 0.0      | 7.4     | 2.3           | 12.7 | W    |
| 01   | 4     | -1.6            | 3.0  | -4.8  | -0.3             | 1.1 | 2.4 | 4.8 | 8.2 | 12.7      | 47.1   | 0.0      | 1.3     | 1.1           | 8.9  | WNW  |
| 01   | 5     | -1.3            | 7.3  | -7.0  | -0.4             | 0.6 | 1.8 | 4.6 | 8.1 | 12.7      | 52.4   | 0.0      | 6.7     | 1.2           | 9.8  | WNW  |
| 01   | 6     | -2.8            | 3.8  | -7.1  | -0.5             | 0.6 | 1.7 | 4.4 | 8.0 | 12.6      | 59.8   | 0.0      | 6.1     | 0.9           | 7.3  | W    |
| 01   | 7     | -3.9            | 0.8  | -8.1  | -0.8             | 0.4 | 1.5 | 4.2 | 7.9 | 12.5      | 69.8   | 4.5      | 1.2     | 0.6           | 2.8  | SE   |
| 01   | 8     | -0.9            | 4.6  | -4.6  | -0.3             | 0.4 | 1.4 | 4.0 | 7.8 | 12.4      | 96.0   | 20.0     | 1.4     | 0.4           | 4.0  | NW   |
| 01   | 9     | -1.8            | -0.4 | -4.2  | -0.2             | 0.5 | 1.4 | 3.9 | 7.7 | 12.3      | 95.7   | 6.0      | 0.0     | 0.4           | 2.8  | SSE  |
| 01   | 10    | 1.4             | 7.8  | -2.1  | -0.1             | 0.6 | 1.4 | 3.7 | 7.5 | 12.3      | 95.9   | 22.5     | 3.2     | 0.2           | 2.7  | NNE  |
| 01   | 11    | 1.0             | 6.8  | -3.4  | 0.1              | 0.7 | 1.4 | 3.5 | 7.2 | 12.2      | 80.0   | 0.5      | 7.6     | 0.8           | 8.1  | W    |
| 01   | 12    | 0.0             | 5.8  | -4.1  | 0.4              | 0.9 | 1.6 | 3.5 | 7.1 | 12.1      | 53.1   | 0.5      | 5.0     | 1.3           | 8.7  | WNW  |
| 01   | 13    | -3.4            | 0.7  | -6.2  | 0.3              | 1.0 | 1.6 | 3.6 | 7.0 | 12.0      | 72.1   | 0.0      | 1.7     | 0.5           | 3.9  | ENE  |
| 01   | 14    | -5.2            | 0.2  | -10.4 | 0.2              | 1.0 | 1.7 | 3.6 | 6.9 | 11.9      | 63.7   | 1.0      | 2.4     | 1.1           | 8.3  | WNW  |
| 01   | 15    | -6.3            | 1.8  | -10.7 | -0.1             | 0.9 | 1.6 | 3.6 | 6.9 | 11.8      | 60.7   | 0.5      | 4.7     | 0.9           | 8.8  | W    |
| 01   | 16    | -4.8            | 3.3  | -10.2 | -0.3             | 0.8 | 1.5 | 3.6 | 6.8 | 11.7      | 52.3   | 0.0      | 5.0     | 0.8           | 4.3  | WSW  |
| 01   | 17    | -4.2            | 5.0  | -9.6  | -0.3             | 0.7 | 1.5 | 3.5 | 6.8 | 11.7      | 56.6   | 0.5      | 7.7     | 1.0           | 10.8 | W    |
| 01   | 18    | -2.2            | 6.8  | -9.2  | -0.3             | 0.6 | 1.4 | 3.5 | 6.7 | 11.6      | 57.0   | 0.0      | 6.8     | 1.6           | 11.1 | W    |
| 01   | 19    | -2.9            | 4.4  | -8.3  | -0.1             | 0.7 | 1.4 | 3.4 | 6.7 | 11.5      | 62.3   | 0.5      | 7.6     | 0.8           | 4.3  | SSW  |
| 01   | 20    | -3.7            | 1.5  | -8.7  | 0.0              | 0.7 | 1.4 | 3.4 | 6.6 | 11.4      | 79.3   | 5.5      | 3.8     | 0.4           | 3.1  | SSE  |
| 01   | 21    | 0.0             | 7.8  | -5.2  | 0.1              | 0.7 | 1.4 | 3.3 | 6.5 | 11.3      | 79.2   | 0.0      | 6.7     | 0.7           | 5.5  | W    |
| 01   | 22    | -1.5            | 5.9  | -7.0  | 0.1              | 0.7 | 1.4 | 3.3 | 6.5 | 11.2      | 69.7   | 0.5      | 5.1     | 0.7           | 3.8  | WSW  |
| 01   | 23    | -1.1            | 7.1  | -5.5  | 0.1              | 0.8 | 1.4 | 3.3 | 6.4 | 11.1      | 68.1   | 0.0      | 5.5     | 0.8           | 5.5  | SSW  |
| 01   | 24    | -2.2            | 5.8  | -7.9  | 0.0              | 0.7 | 1.4 | 3.2 | 6.3 | 11.1      | 52.2   | 0.0      | 8.1     | 1.0           | 5.2  | WSW  |
| 01   | 25    | -2.0            | 2.9  | -6.3  | 0.0              | 0.7 | 1.4 | 3.2 | 6.3 | 11.0      | 75.8   | 8.0      | 0.0     | 0.2           | 4.0  | SW   |
| 01   | 26    | 0.6             | 3.3  | -2.0  | 0.1              | 0.7 | 1.4 | 3.1 | 6.2 | 10.9      | 98.1   | 15.5     | 0.0     | 0.2           | 3.4  | E    |
| 01   | 27    | -2.8            | -0.8 | -4.1  | 0.2              | 0.7 | 1.4 | 3.1 | 6.1 | 10.8      | 99.4   | 46.5     | 0.0     | 0.2           | 2.8  | E    |
| 01   | 28    | -0.2            | 6.9  | -4.5  | 0.2              | 0.8 | 1.4 | 3.1 | 6.0 | 10.7      | 85.4   | 1.0      | 6.5     | 0.5           | 5.8  | WNW  |
| 01   | 29    | -1.6            | 5.9  | -6.3  | 0.2              | 0.8 | 1.4 | 3.1 | 6.0 | 10.6      | 73.1   | 0.5      | 7.2     | 0.7           | 3.9  | W    |
| 01   | 30    | -1.9            | 6.8  | -7.4  | 0.3              | 0.8 | 1.4 | 3.1 | 5.9 | 10.5      | 65.4   | 0.5      | 7.8     | 0.9           | 4.2  | WSW  |
| 01   | 31    | -2.4            | 3.6  | -7.6  | 0.3              | 0.9 | 1.5 | 3.0 | 5.9 | 10.5      | 74.5   | 0.0      | 7.2     | 0.9           | 4.3  | WSW  |
| 計    | Total |                 |      |       |                  |     |     |     |     |           |        | 135.0    | 145.7   |               |      |      |
| 平均   | Mean  | -1.6            | 4.6  | -6.2  | 0.1              | 0.9 | 1.6 | 3.7 | 7.0 | 11.7      | 68.4   | 4.4      | 4.7     | 0.8           | 6.1  |      |
| 最大   | Max.  | 3.1             | 11.1 | -2.0  | 2.1              | 2.4 | 2.9 | 4.9 | 8.6 | 13.0      | 99.4   | 46.5     | 8.1     | 2.3           | 12.7 |      |
| 最低   | Min.  | -6.3            | -0.8 | -10.7 | -0.8             | 0.4 | 1.4 | 3.0 | 5.9 | 10.5      | 30.4   | 0.0      | 0.0     | 0.2           | 2.7  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |       | 平均地温 °C          |     |     |     |     |           | 湿度   | 降水量  | 日照時間  | 風速 m/sec |          |         |
|------|-------|-----------------|------|-------|------------------|-----|-----|-----|-----|-----------|------|------|-------|----------|----------|---------|
|      |       | Air Temperature |      |       | Soil Temperature |     |     |     |     |           |      |      |       | Hum. %   | Prec. mm | Sun hrs |
| Date |       | 平均              | 最高   | 最低    | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep |      |      |       |          |          |         |
|      |       | Mean            | Max. | Min.  |                  |     |     |     |     |           |      |      |       | Mean     | Max.     | Dir.    |
| 02   | 1     | -1.4            | 1.7  | -3.9  | 0.4              | 0.9 | 1.5 | 3.0 | 5.8 | 10.4      | 91.0 | 1.0  | 0.3   | 0.4      | 3.5      | NNW     |
| 02   | 2     | -0.8            | 5.9  | -5.8  | 0.4              | 0.9 | 1.5 | 3.0 | 5.8 | 10.3      | 68.8 | 0.5  | 6.9   | 0.8      | 4.8      | SW      |
| 02   | 3     | -0.6            | 7.4  | -7.7  | 0.4              | 0.9 | 1.5 | 3.0 | 5.7 | 10.2      | 50.8 | 0.0  | 8.9   | 1.8      | 10.0     | W       |
| 02   | 4     | -1.9            | 4.9  | -7.0  | 0.4              | 0.9 | 1.5 | 3.0 | 5.7 | 10.1      | 65.2 | 0.0  | 4.2   | 0.6      | 3.4      | WSW     |
| 02   | 5     | 0.7             | 8.9  | -4.7  | 0.3              | 0.9 | 1.5 | 3.0 | 5.6 | 10.0      | 69.4 | 0.0  | 8.9   | 0.5      | 4.0      | S       |
| 02   | 6     | 1.9             | 9.6  | -2.9  | 0.3              | 0.8 | 1.4 | 2.9 | 5.6 | 10.0      | 77.6 | 0.0  | 5.9   | 0.5      | 4.3      | SSW     |
| 02   | 7     | -0.3            | 1.1  | -1.8  | 0.3              | 0.8 | 1.4 | 2.9 | 5.5 | 9.9       | 99.1 | 6.0  | 0.0   | 0.1      | 2.5      | ESE     |
| 02   | 8     | -0.4            | 6.3  | -6.4  | 0.3              | 0.8 | 1.4 | 2.8 | 5.5 | 9.8       | 78.6 | 0.5  | 6.2   | 0.7      | 6.7      | WSW     |
| 02   | 9     | -3.2            | 4.5  | -9.2  | 0.3              | 0.8 | 1.3 | 2.7 | 5.4 | 9.7       | 74.6 | 0.0  | 8.3   | 0.8      | 4.6      | SW      |
| 02   | 10    | -0.1            | 9.2  | -6.3  | 0.3              | 0.8 | 1.3 | 2.7 | 5.3 | 9.7       | 63.3 | 0.0  | 9.0   | 0.8      | 3.7      | WSW     |
| 02   | 11    | -0.3            | 8.1  | -6.6  | 0.3              | 0.8 | 1.3 | 2.7 | 5.3 | 9.6       | 53.9 | 0.0  | 9.0   | 1.2      | 11.1     | W       |
| 02   | 12    | -2.5            | 4.7  | -7.6  | 0.3              | 0.8 | 1.3 | 2.7 | 5.2 | 9.5       | 61.9 | 0.0  | 6.9   | 0.7      | 4.6      | S       |
| 02   | 13    | -1.8            | 5.2  | -7.0  | 0.3              | 0.8 | 1.3 | 2.7 | 5.1 | 9.4       | 64.0 | 0.0  | 4.7   | 0.5      | 4.6      | SSE     |
| 02   | 14    | -2.2            | 2.6  | -5.4  | 0.4              | 0.8 | 1.3 | 2.7 | 5.1 | 9.4       | 85.3 | 1.0  | 1.4   | 0.3      | 3.4      | ESE     |
| 02   | 15    | -3.6            | 4.6  | -10.2 | 0.3              | 0.8 | 1.3 | 2.7 | 5.1 | 9.3       | 57.1 | 0.0  | 7.9   | 0.8      | 4.4      | SW      |
| 02   | 16    | -1.8            | 6.0  | -6.4  | 0.3              | 0.8 | 1.3 | 2.6 | 5.0 | 9.2       | 60.6 | 1.0  | 2.5   | 1.6      | 8.6      | W       |
| 02   | 17    | -2.4            | 6.8  | -10.1 | 0.2              | 0.8 | 1.3 | 2.6 | 5.0 | 9.1       | 51.9 | 0.0  | 9.9   | 0.9      | 4.3      | SW      |
| 02   | 18    | 2.2             | 12.6 | -4.3  | 0.2              | 0.7 | 1.2 | 2.6 | 4.9 | 9.1       | 57.1 | 0.0  | 8.2   | 0.8      | 5.7      | W       |
| 02   | 19    | 3.7             | 13.3 | -1.8  | 0.2              | 0.7 | 1.2 | 2.5 | 4.9 | 9.0       | 59.6 | 0.0  | 10.0  | 0.9      | 4.7      | NNW     |
| 02   | 20    | 1.3             | 10.6 | -4.9  | 0.2              | 0.7 | 1.1 | 2.3 | 4.7 | 8.9       | 61.3 | 0.0  | 10.0  | 0.8      | 4.6      | SSW     |
| 02   | 21    | 2.8             | 12.4 | -4.7  | 1.5              | 1.5 | 1.3 | 2.3 | 4.6 | 8.8       | 65.4 | 0.0  | 7.5   | 0.6      | 4.0      | SW      |
| 02   | 22    | 6.6             | 16.9 | 0.4   | 5.8              | 4.0 | 2.3 | 2.3 | 4.4 | 8.6       | 62.7 | 0.0  | 10.1  | 0.8      | 4.4      | WSW     |
| 02   | 23    | 6.3             | 15.7 | 0.1   | 6.7              | 5.1 | 3.5 | 2.6 | 4.3 | 8.4       | 59.4 | 0.0  | 9.3   | 0.8      | 4.6      | WSW     |
| 02   | 24    | 2.2             | 3.7  | 0.3   | 4.1              | 4.5 | 4.0 | 3.0 | 4.3 | 8.3       | 99.7 | 12.0 | 0.0   | 0.2      | 2.8      | ESE     |
| 02   | 25    | -0.1            | 5.4  | -4.1  | 4.0              | 3.9 | 3.6 | 3.2 | 4.3 | 8.2       | 66.2 | 0.5  | 5.7   | 1.2      | 8.0      | W       |
| 02   | 26    | -1.2            | 8.5  | -7.9  | 4.4              | 4.4 | 3.9 | 3.4 | 4.3 | 8.1       | 56.6 | 0.0  | 9.1   | 0.8      | 5.8      | SSE     |
| 02   | 27    | 1.4             | 11.3 | -5.6  | 5.5              | 5.1 | 4.5 | 3.6 | 4.4 | 8.0       | 60.6 | 0.0  | 10.1  | 0.8      | 4.3      | SW      |
| 02   | 28    | 4.3             | 12.4 | -1.7  | 4.4              | 4.6 | 4.4 | 3.8 | 4.5 | 8.0       | 66.5 | 0.0  | 0.8   | 1.3      | 13.4     | WNW     |
| 計    | Total |                 |      |       |                  |     |     |     |     |           |      | 22.5 | 181.8 |          |          |         |
| 平均   | Mean  | 0.3             | 7.9  | -5.1  | 1.5              | 1.8 | 1.9 | 2.8 | 5.0 | 9.2       | 67.4 | 0.8  | 6.5   | 0.8      | 5.4      |         |
| 最大   | Max.  | 6.6             | 16.9 | 0.4   | 6.7              | 5.1 | 4.5 | 3.8 | 5.8 | 10.4      | 99.7 | 12.0 | 10.1  | 1.8      | 13.4     |         |
| 最低   | Min.  | -3.6            | 1.1  | -10.2 | 0.2              | 0.7 | 1.1 | 2.3 | 4.3 | 8.0       | 50.8 | 0.0  | 0.0   | 0.1      | 2.5      |         |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |     |     |     |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |     |     |     |           |        |          |         | Mean          | Max. | Dir. |
| 03   | 1     | 2.8             | 5.1  | -0.2 | 4.1              | 4.4  | 4.4 | 4.0 | 4.5 | 7.9       | 98.0   | 23.0     | 0.0     | 0.3           | 3.3  | WSW  |
| 03   | 2     | 0.8             | 5.5  | -3.6 | 3.3              | 3.6  | 3.8 | 4.0 | 4.6 | 7.9       | 78.5   | 8.0      | 6.9     | 1.0           | 10.4 | W    |
| 03   | 3     | -0.4            | 5.7  | -5.8 | 3.4              | 3.8  | 3.8 | 3.9 | 4.6 | 7.8       | 78.8   | 0.0      | 3.6     | 0.5           | 4.2  | SSE  |
| 03   | 4     | -0.2            | 3.4  | -2.4 | 1.0              | 2.3  | 3.1 | 3.9 | 4.7 | 7.7       | 89.8   | 30.5     | 1.1     | 0.8           | 8.2  | NNW  |
| 03   | 5     | 0.5             | 4.6  | -2.9 | 0.6              | 1.5  | 2.2 | 3.6 | 4.7 | 7.7       | 50.9   | 0.5      | 7.2     | 2.7           | 13.2 | WNW  |
| 03   | 6     | 3.6             | 11.9 | -2.8 | 1.8              | 1.7  | 2.2 | 3.3 | 4.7 | 7.6       | 58.6   | 0.0      | 9.8     | 0.9           | 5.6  | NNE  |
| 03   | 7     | 5.8             | 15.0 | -1.8 | 5.3              | 4.0  | 3.3 | 3.1 | 4.6 | 7.6       | 50.7   | 0.0      | 7.8     | 1.7           | 10.7 | WNW  |
| 03   | 8     | -0.9            | 7.1  | -5.5 | 5.1              | 4.7  | 4.2 | 3.5 | 4.6 | 7.5       | 68.0   | 0.5      | 7.5     | 0.8           | 5.1  | SE   |
| 03   | 9     | -2.5            | 3.8  | -7.8 | 3.9              | 4.3  | 4.3 | 3.8 | 4.6 | 7.5       | 54.8   | 0.0      | 5.1     | 1.4           | 9.5  | W    |
| 03   | 10    | -0.3            | 7.9  | -7.4 | 3.9              | 4.1  | 4.0 | 3.9 | 4.6 | 7.5       | 52.4   | 0.0      | 5.8     | 1.3           | 8.6  | W    |
| 03   | 11    | -0.5            | 7.4  | -5.6 | 5.4              | 4.9  | 4.5 | 4.0 | 4.7 | 7.5       | 50.7   | 0.5      | 9.0     | 1.3           | 6.6  | SSW  |
| 03   | 12    | -1.4            | 5.2  | -5.0 | 5.3              | 5.3  | 4.9 | 4.2 | 4.7 | 7.5       | 86.8   | 3.0      | 2.9     | 0.4           | 4.2  | SE   |
| 03   | 13    | -1.2            | 6.4  | -6.1 | 6.3              | 5.9  | 5.3 | 4.4 | 4.8 | 7.5       | 62.1   | 0.5      | 8.9     | 1.0           | 8.5  | SSW  |
| 03   | 14    | 1.9             | 12.2 | -6.4 | 6.6              | 6.2  | 5.7 | 4.6 | 4.9 | 7.5       | 64.2   | 0.0      | 9.8     | 0.7           | 4.8  | S    |
| 03   | 15    | 7.9             | 17.0 | -1.0 | 7.5              | 6.9  | 6.2 | 4.9 | 5.0 | 7.5       | 57.6   | 0.0      | 7.5     | 1.9           | 12.3 | WNW  |
| 03   | 16    | 3.4             | 12.3 | -3.4 | 7.6              | 7.1  | 6.6 | 5.2 | 5.1 | 7.5       | 59.1   | 0.0      | 10.1    | 0.8           | 5.2  | S    |
| 03   | 17    | 1.6             | 4.0  | -2.1 | 4.1              | 5.4  | 5.9 | 5.5 | 5.2 | 7.4       | 88.4   | 0.5      | 0.0     | 0.6           | 4.7  | E    |
| 03   | 18    | 7.1             | 17.0 | 0.6  | 8.7              | 7.4  | 6.4 | 5.4 | 5.3 | 7.4       | 71.3   | 0.5      | 7.4     | 1.2           | 10.6 | W    |
| 03   | 19    | 6.6             | 17.0 | -0.6 | 8.0              | 7.6  | 7.1 | 5.7 | 5.4 | 7.5       | 49.0   | 0.0      | 5.8     | 0.9           | 4.9  | NW   |
| 03   | 20    | 8.6             | 18.9 | 1.9  | 8.8              | 8.1  | 7.4 | 6.0 | 5.5 | 7.4       | 45.6   | 0.0      | 6.3     | 0.9           | 4.2  | WNW  |
| 03   | 21    | 9.8             | 19.3 | 3.8  | 10.2             | 9.1  | 8.1 | 6.3 | 5.6 | 7.4       | 43.8   | 0.0      | 7.6     | 0.9           | 5.1  | NE   |
| 03   | 22    | 8.0             | 16.9 | 1.4  | 10.3             | 9.6  | 8.7 | 6.7 | 5.7 | 7.4       | 64.7   | 0.0      | 7.1     | 1.2           | 8.8  | W    |
| 03   | 23    | 8.3             | 15.0 | 3.0  | 9.9              | 9.4  | 8.8 | 7.0 | 5.9 | 7.4       | 72.0   | 0.0      | 4.1     | 0.8           | 4.3  | ESE  |
| 03   | 24    | 8.7             | 17.2 | 1.9  | 11.2             | 10.3 | 9.3 | 7.3 | 6.1 | 7.5       | 70.5   | 0.0      | 6.6     | 0.7           | 5.3  | S    |
| 03   | 25    | 8.0             | 14.5 | 3.4  | 9.2              | 9.2  | 9.0 | 7.6 | 6.2 | 7.5       | 83.2   | 0.0      | 0.0     | 0.5           | 4.1  | ESE  |
| 03   | 26    | 7.7             | 14.5 | 0.5  | 10.0             | 9.9  | 9.3 | 7.6 | 6.4 | 7.5       | 87.5   | 7.5      | 3.9     | 0.6           | 5.7  | NNW  |
| 03   | 27    | 6.3             | 16.1 | -1.5 | 9.3              | 9.3  | 9.0 | 7.8 | 6.6 | 7.5       | 60.8   | 0.0      | 10.0    | 1.1           | 12.1 | E    |
| 03   | 28    | 5.6             | 11.8 | 0.3  | 9.6              | 9.5  | 9.1 | 7.9 | 6.7 | 7.5       | 78.0   | 0.5      | 5.1     | 0.6           | 5.2  | ESE  |
| 03   | 29    | 3.0             | 5.6  | -0.1 | 5.9              | 7.5  | 8.3 | 8.0 | 6.8 | 7.5       | 97.1   | 23.0     | 0.0     | 0.3           | 3.4  | ESE  |
| 03   | 30    | 1.3             | 6.1  | -2.3 | 5.3              | 6.1  | 6.7 | 7.6 | 7.0 | 7.6       | 87.5   | 0.0      | 4.7     | 0.6           | 7.5  | WNW  |
| 03   | 31    | -1.9            | -0.3 | -5.2 | 2.4              | 4.3  | 5.6 | 7.2 | 7.1 | 7.6       | 95.5   | 7.0      | 0.0     | 0.2           | 2.6  | E    |
| 計    | Total |                 |      |      |                  |      |     |     |     |           |        | 105.5    | 171.2   |               |      |      |
| 平均   | Mean  | 3.5             | 10.5 | -2.0 | 6.3              | 6.2  | 6.0 | 5.4 | 5.4 | 7.5       | 69.5   | 3.4      | 5.5     | 0.9           | 6.7  |      |
| 最大   | Max.  | 9.8             | 19.3 | 3.8  | 11.2             | 10.3 | 9.3 | 8.0 | 7.1 | 7.9       | 98.0   | 30.5     | 10.1    | 2.7           | 13.2 |      |
| 最低   | Min.  | -2.5            | -0.3 | -7.8 | 0.6              | 1.5  | 2.2 | 3.1 | 4.5 | 7.4       | 43.8   | 0.0      | 0.0     | 0.2           | 2.6  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 04   | 1     | 0.1             | 8.7  | -6.4 | 5.2              | 5.1  | 5.4  | 6.6  | 7.1  | 7.6       | 79.5   | 0.5      | 6.5     | 0.6           | 3.7  | ENE  |
| 04   | 2     | 4.8             | 13.7 | -2.6 | 8.0              | 7.2  | 6.6  | 6.5  | 7.1  | 7.7       | 73.5   | 0.0      | 9.9     | 0.9           | 7.3  | S    |
| 04   | 3     | 9.4             | 20.1 | 1.9  | 9.9              | 8.9  | 8.1  | 6.8  | 7.0  | 7.7       | 67.0   | 3.0      | 4.8     | 1.2           | 10.3 | SE   |
| 04   | 4     | 4.0             | 11.5 | -1.5 | 9.2              | 9.1  | 8.6  | 7.2  | 7.0  | 7.7       | 62.9   | 0.5      | 9.5     | 1.1           | 10.5 | W    |
| 04   | 5     | 7.2             | 17.3 | -2.1 | 9.9              | 9.3  | 8.7  | 7.5  | 7.0  | 7.8       | 57.8   | 0.0      | 9.3     | 0.8           | 5.2  | E    |
| 04   | 6     | 10.4            | 18.5 | 3.1  | 11.4             | 10.4 | 9.6  | 7.8  | 7.1  | 7.8       | 51.6   | 0.0      | 9.5     | 0.9           | 5.5  | ESE  |
| 04   | 7     | 11.0            | 19.1 | 4.1  | 13.3             | 12.1 | 10.8 | 8.2  | 7.2  | 7.8       | 72.2   | 0.0      | 6.5     | 0.8           | 5.5  | SSE  |
| 04   | 8     | 10.2            | 18.1 | 5.1  | 12.5             | 12.1 | 11.2 | 8.8  | 7.3  | 7.9       | 80.7   | 0.0      | 2.2     | 0.6           | 5.3  | E    |
| 04   | 9     | 11.6            | 19.5 | 5.5  | 13.9             | 12.7 | 11.5 | 9.1  | 7.5  | 7.9       | 75.4   | 0.0      | 5.0     | 0.7           | 5.3  | ESE  |
| 04   | 10    | 13.0            | 21.5 | 6.9  | 14.7             | 13.8 | 12.5 | 9.6  | 7.7  | 7.9       | 69.9   | 0.0      | 9.6     | 0.9           | 5.5  | ENE  |
| 04   | 11    | 13.4            | 22.3 | 5.6  | 15.1             | 14.1 | 12.9 | 10.1 | 7.9  | 8.0       | 68.9   | 0.0      | 8.7     | 0.9           | 4.9  | SE   |
| 04   | 12    | 11.9            | 20.4 | 4.8  | 14.1             | 14.0 | 13.2 | 10.5 | 8.1  | 8.0       | 81.8   | 0.0      | 2.0     | 1.0           | 10.6 | E    |
| 04   | 13    | 8.9             | 17.8 | 1.1  | 12.8             | 13.1 | 12.5 | 10.7 | 8.3  | 8.0       | 55.7   | 0.0      | 10.3    | 0.9           | 6.3  | ESE  |
| 04   | 14    | 9.6             | 17.7 | 2.3  | 12.5             | 12.6 | 12.2 | 10.7 | 8.5  | 8.1       | 55.4   | 0.0      | 6.7     | 1.2           | 10.0 | SSW  |
| 04   | 15    | 10.3            | 21.0 | 2.0  | 12.7             | 12.8 | 12.2 | 10.7 | 8.7  | 8.1       | 47.2   | 0.0      | 10.3    | 1.5           | 10.9 | WNW  |
| 04   | 16    | 10.8            | 20.0 | 2.0  | 13.0             | 12.9 | 12.2 | 10.8 | 8.9  | 8.1       | 48.8   | 0.0      | 10.3    | 0.9           | 5.3  | SE   |
| 04   | 17    | 13.0            | 21.4 | 5.4  | 14.2             | 13.7 | 12.8 | 10.9 | 9.0  | 8.2       | 58.0   | 0.0      | 6.8     | 0.7           | 5.3  | ESE  |
| 04   | 18    | 12.6            | 17.9 | 7.2  | 13.7             | 13.5 | 12.9 | 11.2 | 9.1  | 8.3       | 66.9   | 0.0      | 0.7     | 0.7           | 5.0  | ESE  |
| 04   | 19    | 11.2            | 18.7 | 8.4  | 13.3             | 13.4 | 12.9 | 11.3 | 9.3  | 8.3       | 88.6   | 2.5      | 3.7     | 0.4           | 2.8  | WNW  |
| 04   | 20    | 13.1            | 21.1 | 7.0  | 13.9             | 13.6 | 12.9 | 11.3 | 9.4  | 8.4       | 59.7   | 0.0      | 9.1     | 0.9           | 5.4  | ENE  |
| 04   | 21    | 5.2             | 7.6  | 4.0  | 9.2              | 11.2 | 11.9 | 11.5 | 9.6  | 8.5       | 96.7   | 0.0      | 0.0     | 0.3           | 2.6  | ESE  |
| 04   | 22    | 8.3             | 17.8 | 0.5  | 12.0             | 11.9 | 11.4 | 11.1 | 9.7  | 8.5       | 62.1   | 0.0      | 7.4     | 1.2           | 10.5 | WSW  |
| 04   | 23    | 9.1             | 19.2 | -1.0 | 12.0             | 12.0 | 11.6 | 11.0 | 9.8  | 8.6       | 57.1   | 0.0      | 10.5    | 0.8           | 4.5  | ESE  |
| 04   | 24    | 12.4            | 21.2 | 6.2  | 12.7             | 12.6 | 12.2 | 11.1 | 9.8  | 8.7       | 58.1   | 0.0      | 2.8     | 0.6           | 4.6  | E    |
| 04   | 25    | 7.8             | 9.7  | 5.5  | 10.8             | 11.6 | 11.8 | 11.2 | 9.9  | 8.7       | 94.9   | 7.5      | 0.0     | 0.3           | 3.4  | E    |
| 04   | 26    | 8.3             | 15.8 | 2.7  | 12.8             | 12.5 | 11.8 | 11.1 | 10.0 | 8.8       | 68.7   | 1.0      | 8.8     | 0.8           | 6.1  | ESE  |
| 04   | 27    | 9.4             | 17.5 | 1.9  | 12.2             | 12.3 | 12.0 | 11.2 | 10.0 | 8.9       | 65.8   | 0.0      | 7.1     | 0.7           | 4.9  | E    |
| 04   | 28    | 12.4            | 20.5 | 5.2  | 13.5             | 13.1 | 12.5 | 11.3 | 10.1 | 9.0       | 66.9   | 0.0      | 7.6     | 0.7           | 5.5  | ESE  |
| 04   | 29    | 12.3            | 18.7 | 7.2  | 14.0             | 13.6 | 13.0 | 11.5 | 10.2 | 9.1       | 82.3   | 9.0      | 2.4     | 0.6           | 4.8  | S    |
| 04   | 30    | 10.1            | 11.0 | 8.2  | 12.2             | 12.7 | 12.8 | 11.7 | 10.2 | 9.1       | 98.3   | 12.5     | 0.0     | 0.1           | 3.5  | WNW  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 36.5     | 187.9   |               |      |      |
| 平均   | Mean  | 9.7             | 17.5 | 3.3  | 12.2             | 11.9 | 11.3 | 10.0 | 8.6  | 8.2       | 69.1   | 1.2      | 6.3     | 0.8           | 6.0  |      |
| 最大   | Max.  | 13.4            | 22.3 | 8.4  | 15.1             | 14.1 | 13.2 | 11.7 | 10.2 | 9.1       | 98.3   | 12.5     | 10.5    | 1.5           | 10.9 |      |
| 最低   | Min.  | 0.1             | 7.6  | -6.4 | 5.2              | 5.1  | 5.4  | 6.5  | 7.0  | 7.6       | 47.2   | 0.0      | 0.0     | 0.1           | 2.6  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 05月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 05   | 1     | 9.0             | 14.7 | 6.0  | 13.4             | 13.0 | 12.5 | 11.7 | 10.3 | 9.2       | 93.4   | 0.0      | 2.5     | 0.8           | 4.9  | ESE  |
| 05   | 2     | 6.4             | 6.8  | 6.0  | 10.3             | 11.6 | 12.1 | 11.8 | 10.5 | 9.3       | 99.8   | 7.0      | 0.0     | 0.3           | 3.1  | ESE  |
| 05   | 3     | 6.3             | 9.8  | 2.5  | 9.2              | 9.7  | 10.3 | 11.4 | 10.5 | 9.3       | 94.9   | 28.0     | 0.0     | 0.5           | 3.6  | W    |
| 05   | 4     | 11.4            | 18.7 | 6.2  | 14.4             | 12.9 | 11.8 | 11.1 | 10.6 | 9.4       | 80.8   | 0.0      | 4.0     | 0.6           | 4.8  | SE   |
| 05   | 5     | 12.1            | 18.2 | 7.7  | 15.2             | 14.3 | 13.3 | 11.5 | 10.6 | 9.4       | 84.7   | 0.0      | 1.6     | 0.5           | 3.8  | SE   |
| 05   | 6     | 13.8            | 20.2 | 7.1  | 15.9             | 15.1 | 14.1 | 11.9 | 10.6 | 9.5       | 80.3   | 0.0      | 6.0     | 0.6           | 5.2  | SE   |
| 05   | 7     | 16.4            | 24.5 | 8.8  | 16.2             | 15.6 | 14.6 | 12.4 | 10.7 | 9.6       | 63.6   | 0.0      | 4.9     | 1.9           | 11.6 | W    |
| 05   | 8     | 13.6            | 16.8 | 10.3 | 14.6             | 14.8 | 14.5 | 12.7 | 10.8 | 9.7       | 89.3   | 2.5      | 0.6     | 0.5           | 5.3  | E    |
| 05   | 9     | 15.2            | 18.1 | 12.9 | 15.9             | 15.2 | 14.5 | 12.9 | 11.0 | 9.7       | 96.3   | 0.0      | 0.0     | 0.2           | 3.5  | ESE  |
| 05   | 10    | 14.5            | 19.7 | 9.6  | 16.1             | 15.7 | 15.0 | 13.1 | 11.1 | 9.8       | 87.3   | 0.0      | 0.0     | 0.5           | 3.8  | E    |
| 05   | 11    | 13.4            | 21.9 | 7.2  | 15.8             | 15.6 | 14.9 | 13.2 | 11.3 | 9.8       | 65.7   | 0.0      | 5.7     | 0.7           | 5.2  | E    |
| 05   | 12    | 13.4            | 22.0 | 5.4  | 15.2             | 15.3 | 14.8 | 13.4 | 11.4 | 9.9       | 52.6   | 0.0      | 5.6     | 0.8           | 5.2  | SSW  |
| 05   | 13    | 15.7            | 23.9 | 7.5  | 16.7             | 16.2 | 15.3 | 13.5 | 11.5 | 10.0      | 65.4   | 0.0      | 6.9     | 0.7           | 5.4  | ESE  |
| 05   | 14    | 17.2            | 24.8 | 10.2 | 18.0             | 17.2 | 16.1 | 13.8 | 11.6 | 10.0      | 67.4   | 0.0      | 4.1     | 0.7           | 5.1  | ESE  |
| 05   | 15    | 17.6            | 24.7 | 11.5 | 19.0             | 18.2 | 17.0 | 14.2 | 11.8 | 10.1      | 70.9   | 0.0      | 5.5     | 0.7           | 4.6  | ESE  |
| 05   | 16    | 15.9            | 22.7 | 12.0 | 18.1             | 17.9 | 17.1 | 14.6 | 11.9 | 10.2      | 81.3   | 0.0      | 0.1     | 0.5           | 4.3  | ESE  |
| 05   | 17    | 15.2            | 23.8 | 7.0  | 17.5             | 17.6 | 16.8 | 14.7 | 12.1 | 10.2      | 44.1   | 0.0      | 6.7     | 0.9           | 6.6  | WSW  |
| 05   | 18    | 13.3            | 22.1 | 6.6  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 19    | 15.2            | 23.2 | 9.0  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 20    | 18.2            | 27.5 | 9.8  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 21    | 19.8            | 26.3 | 13.7 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 22    | 16.0            | 16.8 | 14.9 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 23    | 14.2            | 14.9 | 13.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 24    | 15.3            | 17.5 | 14.1 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 25    | 17.7            | 24.0 | 12.2 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 26    | 18.4            | 24.8 | 13.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 27    | 15.3            | 18.7 | 11.0 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 28    | 15.4            | 22.9 | 9.0  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 29    | 13.7            | 19.8 | 10.6 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 30    | 13.8            | 17.5 | 9.8  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 05   | 31    | 16.0            | 19.8 | 12.6 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        |          |         |               |      |      |
| 平均   | Mean  | 14.5            | 20.2 | 9.6  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 最大   | Max.  | 19.8            | 27.5 | 14.9 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 最低   | Min.  | 6.3             | 6.8  | 2.5  |                  |      |      |      |      |           |        |          |         |               |      |      |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature) : 18~31

2001年 06月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日  | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|----|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |    | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |    | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |    | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 06   | 1  | 16.4            | 22.5 | 11.4 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 2  | 15.2            | 21.0 | 10.6 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 3  | 16.9            | 25.2 | 8.6  |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 4  | 20.3            | 29.5 | 13.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 5  | 17.1            | 21.3 | 13.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 6  | 14.2            | 14.9 | 13.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 7  | 16.7            | 20.6 | 12.9 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 8  | 18.4            | 23.2 | 15.2 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 9  | 18.6            | 24.4 | 14.9 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 10 | 16.6            | 21.7 | 13.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 11 | 17.0            | 22.5 | 11.8 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 12 | 13.8            | 15.6 | 12.2 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 13 | 14.7            | 16.4 | 12.6 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 14 | 14.5            | 15.2 | 13.7 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 06   | 15 | 14.1            | 15.6 | 13.2 | 16.1             | 16.3 | 16.6 | 16.9 | 15.6 | 12.8      | 98.8   | 22.0     | 0.0     | 0.1           | 2.5  | E    |
| 06   | 16 | 15.5            | 18.7 | 12.9 | 17.2             | 16.9 | 16.7 | 16.7 | 15.7 | 13.0      | 94.6   | 0.5      | 0.1     | 0.2           | 3.3  | ESE  |
| 06   | 17 | 18.0            | 23.3 | 14.3 | 19.3             | 18.4 | 17.7 | 16.7 | 15.7 | 13.1      | 88.0   | 0.5      | 0.1     | 0.3           | 3.5  | ESE  |
| 06   | 18 | 20.1            | 27.8 | 13.5 | 20.7             | 19.6 | 18.7 | 17.0 | 15.6 | 13.2      | 82.8   | 0.0      | 2.9     | 0.4           | 4.9  | ESE  |
| 06   | 19 | 19.4            | 22.4 | 16.7 | 20.2             | 19.8 | 19.2 | 17.4 | 15.6 | 13.3      | 93.7   | 11.0     | 0.0     | 0.2           | 2.8  | SSE  |
| 06   | 20 | 19.5            | 23.1 | 17.5 | 20.2             | 19.8 | 19.3 | 17.6 | 15.7 | 13.4      | 93.2   | 0.5      | 0.2     | 0.3           | 4.0  | NNW  |
| 06   | 21 | 15.6            | 17.7 | 14.3 | 18.2             | 18.7 | 18.8 | 17.8 | 15.8 | 13.4      | 98.1   | 1.5      | 0.0     | 0.3           | 2.7  | E    |
| 06   | 22 | 16.3            | 19.4 | 14.1 | 18.3             | 18.1 | 18.1 | 17.7 | 15.9 | 13.5      | 94.5   | 0.0      | 0.0     | 0.1           | 3.4  | ESE  |
| 06   | 23 | 18.7            | 23.2 | 15.3 | 19.7             | 19.0 | 18.6 | 17.6 | 15.9 | 13.6      | 88.9   | 0.0      | 0.0     | 0.2           | 3.4  | SSW  |
| 06   | 24 | 19.0            | 23.5 | 16.8 | 19.9             | 19.4 | 19.0 | 17.7 | 15.9 | 13.6      | 94.1   | 3.0      | 0.0     | 0.2           | 3.0  | S    |
| 06   | 25 | 20.6            | 26.3 | 17.4 | 20.6             | 19.9 | 19.3 | 17.9 | 16.0 | 13.7      | 93.4   | 0.0      | 0.0     | 0.3           | 3.1  | SW   |
| 06   | 26 | 23.3            | 30.9 | 17.7 | 23.3             | 21.7 | 20.4 | 18.1 | 16.1 | 13.7      | 82.8   | 0.0      | 1.5     | 0.5           | 3.7  | ESE  |
| 06   | 27 | 21.3            | 26.0 | 17.1 | 22.3             | 21.7 | 21.0 | 18.6 | 16.2 | 13.8      | 83.9   | 1.0      | 0.6     | 0.4           | 4.3  | N    |
| 06   | 28 | 21.6            | 28.4 | 15.3 | 21.1             | 20.8 | 20.6 | 18.8 | 16.3 | 13.8      | 76.3   | 0.0      | 2.5     | 0.4           | 4.6  | ENE  |
| 06   | 29 | 21.6            | 27.4 | 18.3 | 21.2             | 20.7 | 20.3 | 18.9 | 16.5 | 13.9      | 87.1   | 6.5      | 0.9     | 0.4           | 3.3  | SSE  |
| 06   | 30 | 19.9            | 22.4 | 17.8 | 21.2             | 20.7 | 20.4 | 19.0 | 16.4 | 14.0      | 97.3   | 4.5      | 0.0     | 0.2           | 2.8  | SSW  |

| 計  | Total |      |      |      |
|----|-------|------|------|------|
| 平均 | Mean  | 17.8 | 22.3 | 14.3 |
| 最大 | Max.  | 23.3 | 30.9 | 18.3 |
| 最低 | Min.  | 13.8 | 14.9 | 8.6  |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature) : 1~14

2001年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 07   | 1     | 24.3            | 33.9 | 17.7 | 21.4             | 20.8 | 20.5 | 19.0 | 16.5 | 14.0      | 72.5   | 0.0      | 4.4     | 0.6           | 7.0  | W    |
| 07   | 2     | 23.3            | 30.9 | 17.0 | 21.3             | 20.8 | 20.5 | 19.1 | 16.6 | 14.1      | 74.3   | 0.0      | 4.3     | 0.5           | 4.4  | ESE  |
| 07   | 3     | 24.2            | 31.7 | 17.4 | 21.8             | 21.1 | 20.8 | 19.3 | 16.9 | 14.1      | 78.6   | 0.0      | 3.1     | 0.4           | 4.6  | SE   |
| 07   | 4     | 26.0            | 34.3 | 18.9 | 22.4             | 21.6 | 21.1 | 19.5 | 17.0 | 14.2      | 69.9   | 0.0      | 4.5     | 0.6           | 5.2  | WNW  |
| 07   | 5     | 25.4            | 32.8 | 18.6 | 22.4             | 21.7 | 21.4 | 19.7 | 17.1 | 14.3      | 68.8   | 0.0      | 3.3     | 0.5           | 4.6  | WSW  |
| 07   | 6     | 23.5            | 28.7 | 20.6 | 22.4             | 21.8 | 21.6 | 19.9 | 17.3 | 14.3      | 75.0   | 0.0      | 0.0     | 0.3           | 3.7  | NW   |
| 07   | 7     | 22.7            | 28.7 | 18.6 | 22.4             | 21.8 | 21.6 | 20.1 | 17.4 | 14.4      | 74.9   | 0.0      | 1.8     | 0.5           | 4.6  | ESE  |
| 07   | 8     | 21.8            | 27.4 | 18.0 | 22.4             | 21.8 | 21.6 | 20.2 | 17.6 | 14.5      | 79.3   | 0.0      | 0.0     | 0.4           | 3.9  | ESE  |
| 07   | 9     | 22.9            | 30.6 | 16.6 | 22.4             | 21.8 | 21.6 | 20.3 | 17.7 | 14.5      | 76.3   | 0.0      | 2.5     | 0.4           | 3.7  | ESE  |
| 07   | 10    | 22.6            | 27.5 | 18.3 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 11    | 23.6            | 29.1 | 17.5 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 12    | 26.8            | 34.4 | 20.6 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 13    | 27.4            | 33.6 | 22.5 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 14    | 24.4            | 32.3 | 19.8 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 15    | 25.3            | 31.9 | 19.8 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 16    | 26.0            | 33.6 | 20.2 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 17    | 23.5            | 30.3 | 19.0 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 18    | 22.0            | 27.9 | 17.5 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 19    | 21.7            | 25.2 | 19.0 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 20    | 23.1            | 29.1 | 17.1 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 21    | 24.6            | 30.3 | 20.2 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 22    | 24.0            | 31.1 | 19.4 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 07   | 23    | 25.4            | 31.2 | 22.6 | 25.3             | 24.3 | 23.7 | 22.1 | 19.4 | 6999.0    | 82.7   | 0.0      | 0.0     | 0.2           | 2.8  | NNW  |
| 07   | 24    | 25.0            | 34.3 | 20.7 | 25.0             | 24.2 | 23.9 | 22.2 | 19.5 | 15.9      | 81.0   | 1.5      | 3.8     | 0.5           | 5.9  | WSW  |
| 07   | 25    | 23.8            | 29.0 | 20.0 | 24.6             | 24.1 | 23.9 | 22.4 | 19.6 | 16.0      | 84.9   | 16.0     | 0.9     | 0.4           | 3.9  | E    |
| 07   | 26    | 20.6            | 21.9 | 18.0 | 24.3             | 23.9 | 23.8 | 22.5 | 19.7 | 16.1      | 96.1   | 13.0     | 0.0     | 0.2           | 2.8  | E    |
| 07   | 27    | 19.1            | 24.4 | 16.2 | 23.8             | 23.4 | 23.5 | 22.5 | 19.8 | 16.2      | 91.5   | 4.5      | 0.1     | 0.4           | 3.6  | E    |
| 07   | 28    | 18.8            | 22.7 | 15.4 | 23.5             | 23.1 | 23.2 | 22.4 | 20.0 | 16.3      | 89.7   | 0.5      | 0.1     | 0.2           | 3.6  | ESE  |
| 07   | 29    | 22.1            | 28.9 | 17.1 | 23.7             | 23.1 | 23.1 | 22.3 | 20.0 | 16.4      | 82.0   | 0.0      | 4.4     | 0.4           | 4.6  | ESE  |
| 07   | 30    | 24.3            | 30.8 | 18.8 | 24.4             | 23.6 | 23.4 | 22.3 | 20.1 | 16.5      | 80.8   | 0.0      | 4.2     | 0.5           | 4.6  | SE   |
| 07   | 31    | 24.1            | 32.0 | 19.8 | 24.8             | 24.0 | 23.7 | 22.4 | 20.2 | 16.6      | 83.4   | 1.0      | 4.1     | 0.4           | 3.7  | WSW  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        |          |         |               |      |      |
| 平均   | Mean  | 23.6            | 30.0 | 18.8 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 最大   | Max.  | 27.4            | 34.4 | 22.6 |                  |      |      |      |      |           |        |          |         |               |      |      |
| 最低   | Min.  | 18.8            | 21.9 | 15.4 |                  |      |      |      |      |           |        |          |         |               |      |      |

代替機器観測日 (The date of observation by alternative hardwares)

气温 (Air Temperature) : 10~22

2001年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 08   | 1     | 24.2            | 31.7 | 19.5 | 24.8             | 24.1 | 23.9 | 22.5 | 20.2 | 16.7      | 82.5   | 1.0      | 3.6     | 0.6           | 4.6  | WNW  |
| 08   | 2     | 22.9            | 28.6 | 19.5 | 24.8             | 24.2 | 23.9 | 22.6 | 20.3 | 16.8      | 88.8   | 0.5      | 2.4     | 0.5           | 5.0  | ESE  |
| 08   | 3     | 24.8            | 31.4 | 19.7 | 25.2             | 24.4 | 24.1 | 22.7 | 20.4 | 16.9      | 83.4   | 0.0      | 4.6     | 0.5           | 5.2  | ESE  |
| 08   | 4     | 23.3            | 27.5 | 20.1 | 25.0             | 24.4 | 24.2 | 22.8 | 20.5 | 17.0      | 85.2   | 0.0      | 1.7     | 0.4           | 3.4  | W    |
| 08   | 5     | 20.3            | 22.7 | 17.7 | 24.4             | 24.0 | 24.0 | 22.9 | 20.5 | 17.1      | 90.4   | 1.5      | 0.1     | 0.4           | 4.2  | ESE  |
| 08   | 6     | 18.3            | 20.8 | 16.6 | 23.6             | 23.4 | 23.5 | 22.8 | 20.6 | 17.2      | 95.5   | 3.0      | 0.0     | 0.2           | 2.4  | E    |
| 08   | 7     | 18.0            | 19.6 | 17.0 | 23.0             | 22.9 | 23.1 | 22.6 | 20.6 | 17.3      | 97.7   | 0.5      | 0.0     | 0.1           | 2.5  | E    |
| 08   | 8     | 18.6            | 20.8 | 16.9 | 22.8             | 22.6 | 22.8 | 22.5 | 20.7 | 17.3      | 95.9   | 0.0      | 0.0     | 0.2           | 2.5  | ESE  |
| 08   | 9     | 21.3            | 28.5 | 17.6 | 23.1             | 22.6 | 22.7 | 22.3 | 20.7 | 17.4      | 90.9   | 0.5      | 0.1     | 0.2           | 3.0  | WSW  |
| 08   | 10    | 22.3            | 27.5 | 19.9 | 23.5             | 23.0 | 22.9 | 22.2 | 20.6 | 17.5      | 92.0   | 27.5     | 0.0     | 0.3           | 3.4  | WSW  |
| 08   | 11    | 21.0            | 22.5 | 20.1 | 23.5             | 23.2 | 23.1 | 22.3 | 20.6 | 17.6      | 97.5   | 20.0     | 0.0     | 0.1           | 2.5  | W    |
| 08   | 12    | 20.4            | 22.4 | 19.3 | 23.5             | 23.1 | 23.1 | 22.3 | 20.7 | 17.6      | 97.7   | 1.0      | 0.0     | 0.2           | 2.9  | E    |
| 08   | 13    | 22.1            | 27.2 | 19.1 | 23.9             | 23.3 | 23.1 | 22.3 | 20.8 | 17.7      | 90.9   | 0.0      | 0.0     | 0.3           | 4.3  | ESE  |
| 08   | 14    | 23.9            | 31.6 | 19.1 | 24.5             | 23.7 | 23.4 | 22.4 | 20.8 | 17.8      | 86.6   | 6.0      | 4.8     | 0.3           | 4.0  | S    |
| 08   | 15    | 23.2            | 29.0 | 19.6 | 24.8             | 24.1 | 23.7 | 22.5 | 20.8 | 17.9      | 88.4   | 0.0      | 2.0     | 0.5           | 4.6  | ESE  |
| 08   | 16    | 23.9            | 29.3 | 20.6 | 25.2             | 24.4 | 24.0 | 22.6 | 20.8 | 18.0      | 84.7   | 0.0      | 7.2     | 0.5           | 4.7  | ESE  |
| 08   | 17    | 23.1            | 29.9 | 18.3 | 25.1             | 24.6 | 24.2 | 22.8 | 20.9 | 18.0      | 80.1   | 2.0      | 5.4     | 0.4           | 3.7  | ESE  |
| 08   | 18    | 18.6            | 20.5 | 16.4 | 24.0             | 24.1 | 24.0 | 22.9 | 20.9 | 18.1      | 96.6   | 18.5     | 0.0     | 0.3           | 3.8  | E    |
| 08   | 19    | 17.0            | 19.0 | 15.4 | 22.8             | 23.1 | 23.3 | 22.9 | 21.0 | 18.1      | 95.4   | 0.0      | 0.0     | 0.2           | 2.8  | ESE  |
| 08   | 20    | 18.3            | 21.4 | 15.4 | 22.6             | 22.7 | 22.8 | 22.7 | 21.1 | 18.2      | 91.0   | 0.0      | 0.0     | 0.1           | 2.3  | SSE  |
| 08   | 21    | 17.5            | 20.6 | 15.5 | 21.5             | 22.1 | 22.4 | 22.4 | 21.1 | 18.2      | 96.9   | 68.0     | 0.0     | 0.1           | 3.0  | W    |
| 08   | 22    | 21.5            | 25.6 | 19.8 | 21.5             | 21.4 | 21.6 | 22.0 | 21.3 | 18.5      | 97.0   | 64.0     | 1.5     | 0.2           | 3.8  | W    |
| 08   | 23    | 22.1            | 27.4 | 18.9 | 22.4             | 22.0 | 21.9 | 21.7 | 21.3 | 18.9      | 90.0   | 0.0      | 2.1     | 0.2           | 3.1  | SSW  |
| 08   | 24    | 21.8            | 26.4 | 19.2 | 22.9             | 22.5 | 22.3 | 21.8 | 21.3 | 18.9      | 89.3   | 0.0      | 0.3     | 0.3           | 3.5  | ESE  |
| 08   | 25    | 22.7            | 29.6 | 17.7 | 23.3             | 22.8 | 22.5 | 21.9 | 21.2 | 19.0      | 81.1   | 0.0      | 7.0     | 0.5           | 4.5  | SSW  |
| 08   | 26    | 21.3            | 27.4 | 17.7 | 23.3             | 23.0 | 22.8 | 22.0 | 21.1 | 19.0      | 89.1   | 2.0      | 2.0     | 0.4           | 4.0  | S    |
| 08   | 27    | 20.9            | 25.2 | 18.6 | 23.3             | 23.0 | 22.8 | 22.1 | 21.1 | 19.0      | 91.2   | 0.0      | 0.3     | 0.3           | 4.0  | ESE  |
| 08   | 28    | 21.3            | 26.5 | 18.0 | 23.3             | 23.0 | 22.9 | 22.2 | 21.1 | 19.0      | 87.2   | 0.0      | 2.5     | 0.4           | 4.9  | SE   |
| 08   | 29    | 20.2            | 24.7 | 17.1 | 22.9             | 22.9 | 22.8 | 22.2 | 21.1 | 19.0      | 89.4   | 16.5     | 2.0     | 0.4           | 4.8  | ESE  |
| 08   | 30    | 19.6            | 22.6 | 17.6 | 22.6             | 22.6 | 22.6 | 22.2 | 21.1 | 19.0      | 94.2   | 0.5      | 0.9     | 0.2           | 3.1  | ESE  |
| 08   | 31    | 18.4            | 19.5 | 17.0 | 22.0             | 22.2 | 22.4 | 22.1 | 21.1 | 19.0      | 97.0   | 16.5     | 0.0     | 0.1           | 2.6  | W    |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 249.5    | 50.4    |               |      |      |
| 平均   | Mean  | 21.1            | 25.4 | 18.2 | 23.5             | 23.2 | 23.1 | 22.4 | 20.8 | 18.0      | 90.8   | 8.0      | 1.6     | 0.3           | 3.6  |      |
| 最大   | Max.  | 24.8            | 31.7 | 20.6 | 25.2             | 24.6 | 24.2 | 22.9 | 21.3 | 19.0      | 97.7   | 68.0     | 7.2     | 0.6           | 5.2  |      |
| 最低   | Min.  | 17.0            | 19.0 | 15.4 | 21.5             | 21.4 | 21.6 | 21.7 | 20.2 | 16.7      | 80.1   | 0.0      | 0.0     | 0.1           | 2.3  |      |

代替機器観測日 (The date of observation by alternative hardwares)



2001年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度   | 降水量   | 日照時間 | 風速 m/sec |          |         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|------|-------|------|----------|----------|---------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |      |       |      | Hum. %   | Prec. mm | Sun hrs |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep |      |       |      |          |          |         |
| 09   | 1     | 18.7            | 25.0       | 15.3       | 22.2             | 22.1 | 22.1 | 22.0 | 21.1 | 19.0         | 87.9 | 0.0   | 2.8  | 0.3      | 4.6      | E       |
| 09   | 2     | 19.0            | 25.0       | 14.5       | 22.1             | 22.0 | 22.1 | 21.9 | 21.1 | 19.1         | 83.5 | 0.0   | 5.6  | 0.3      | 4.5      | SE      |
| 09   | 3     | 17.4            | 20.6       | 15.6       | 21.5             | 21.8 | 21.9 | 21.8 | 21.1 | 19.1         | 92.5 | 3.5   | 0.0  | 0.2      | 2.8      | ESE     |
| 09   | 4     | 16.6            | 19.1       | 14.5       | 21.0             | 21.3 | 21.5 | 21.7 | 21.0 | 19.1         | 95.4 | 9.0   | 0.8  | 0.2      | 3.4      | ESE     |
| 09   | 5     | 16.2            | 19.2       | 14.4       | 20.6             | 20.9 | 21.2 | 21.5 | 20.9 | 19.1         | 93.2 | 4.5   | 0.1  | 0.2      | 5.1      | ESE     |
| 09   | 6     | 17.1            | 19.9       | 15.3       | 20.6             | 20.8 | 21.0 | 21.3 | 20.9 | 19.1         | 91.9 | 0.0   | 0.0  | 0.1      | 4.1      | ESE     |
| 09   | 7     | 16.7            | 17.7       | 16.0       | 20.6             | 20.8 | 21.0 | 21.2 | 20.8 | 19.1         | 97.8 | 1.5   | 0.0  | 0.2      | 3.6      | ESE     |
| 09   | 8     | 19.7            | 25.3       | 16.2       | 20.8             | 20.8 | 20.9 | 21.1 | 20.7 | 19.1         | 93.8 | 17.5  | 2.1  | 0.2      | 3.3      | SE      |
| 09   | 9     | 20.7            | 23.2       | 18.8       | 21.3             | 21.2 | 21.2 | 21.0 | 20.4 | 19.1         | 97.5 | 95.0  | 0.0  | 0.2      | 3.6      | ENE     |
| 09   | 10    | 21.1            | 21.9       | 18.8       | 21.1             | 21.2 | 21.3 | 21.2 | 20.3 | 19.7         | 97.9 | 246.0 | 0.0  | 0.5      | 6.2      | ENE     |
| 09   | 11    | 21.2            | 23.5       | 19.4       | 21.4             | 21.4 | 21.4 | 21.3 | 20.5 | 20.3         | 97.0 | 94.0  | 0.4  | 0.6      | 4.8      | NE      |
| 09   | 12    | 21.0            | 27.1       | 17.5       | 21.8             | 21.6 | 21.6 | 21.4 | 20.7 | 20.4         | 89.6 | 0.0   | 1.7  | 0.3      | 3.2      | WNW     |
| 09   | 13    | 18.8            | 19.7       | 17.9       | 21.7             | 21.8 | 21.8 | 21.4 | 20.6 | 20.3         | 96.8 | 3.0   | 0.0  | 0.1      | 2.7      | ESE     |
| 09   | 14    | 19.7            | 22.0       | 18.4       | 21.8             | 21.7 | 21.8 | 21.5 | 20.6 | 20.2         | 97.3 | 3.0   | 0.0  | 0.1      | 3.7      | ESE     |
| 09   | 15    | 20.2            | 25.1       | 17.3       | 22.1             | 21.9 | 21.9 | 21.5 | 20.6 | 20.1         | 92.8 | 0.5   | 3.3  | 0.4      | 4.4      | ESE     |
| 09   | 16    | 20.1            | 26.1       | 16.0       | 22.1             | 22.0 | 22.0 | 21.6 | 20.7 | 20.1         | 87.4 | 0.0   | 3.6  | 0.4      | 3.4      | WSW     |
| 09   | 17    | 20.9            | 26.3       | 17.0       | 22.4             | 22.2 | 22.1 | 21.6 | 20.6 | 20.0         | 88.5 | 0.0   | 3.7  | 0.5      | 4.3      | SE      |
| 09   | 18    | 21.2            | 27.2       | 17.2       | 22.7             | 22.5 | 22.3 | 21.7 | 20.6 | 20.0         | 85.4 | 0.0   | 5.5  | 0.5      | 4.1      | SSW     |
| 09   | 19    | 20.0            | 25.7       | 15.2       | 22.3             | 22.4 | 22.3 | 21.8 | 20.7 | 20.0         | 82.8 | 0.0   | 4.2  | 0.6      | 4.6      | E       |
| 09   | 20    | 17.0            | 18.0       | 16.1       | 21.9             | 22.1 | 22.2 | 21.8 | 20.7 | 19.9         | 95.8 | 1.5   | 0.0  | 0.0      | 2.1      | ESE     |
| 09   | 21    | 15.3            | 17.2       | 11.6       | 20.7             | 21.5 | 21.8 | 21.8 | 20.7 | 19.9         | 98.4 | 38.0  | 0.0  | 0.2      | 2.8      | E       |
| 09   | 22    | 12.1            | 18.1       | 7.1        | 19.1             | 20.0 | 20.6 | 21.4 | 20.7 | 19.9         | 81.7 | 1.0   | 6.8  | 0.5      | 5.1      | SE      |
| 09   | 23    | 10.7            | 18.7       | 4.5        | 18.4             | 19.3 | 19.9 | 21.0 | 20.7 | 19.9         | 81.0 | 0.0   | 10.0 | 0.5      | 4.8      | S       |
| 09   | 24    | 13.0            | 23.5       | 4.9        | 17.8             | 18.6 | 19.2 | 20.6 | 20.7 | 19.9         | 71.3 | 0.0   | 9.9  | 0.6      | 3.7      | WSW     |
| 09   | 25    | 15.4            | 24.2       | 9.0        | 18.1             | 18.6 | 19.0 | 20.2 | 20.6 | 19.8         | 75.0 | 0.0   | 9.9  | 0.5      | 3.1      | SW      |
| 09   | 26    | 15.9            | 22.5       | 11.6       | 18.7             | 18.9 | 19.2 | 20.0 | 20.4 | 19.8         | 84.1 | 0.0   | 6.4  | 0.4      | 4.5      | SSW     |
| 09   | 27    | 16.4            | 22.3       | 12.6       | 19.0             | 19.1 | 19.3 | 19.9 | 20.3 | 19.8         | 86.3 | 0.0   | 4.2  | 0.4      | 4.3      | SSE     |
| 09   | 28    | 14.2            | 23.6       | 7.1        | 18.7             | 19.1 | 19.4 | 19.9 | 20.2 | 19.8         | 77.6 | 0.0   | 4.0  | 0.6      | 8.2      | W       |
| 09   | 29    | 11.9            | 19.5       | 5.9        | 17.4             | 18.2 | 18.8 | 19.8 | 20.1 | 19.7         | 73.4 | 0.0   | 7.6  | 0.5      | 3.7      | SSW     |
| 09   | 30    | 12.0            | 14.5       | 10.4       | 17.4             | 18.0 | 18.5 | 19.5 | 20.0 | 19.7         | 93.0 | 7.5   | 0.0  | 0.1      | 2.8      | ESE     |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |      | 525.5 | 92.7 |          |          |         |
| 平均   | Mean  | 17.3            | 22.1       | 13.9       | 20.6             | 20.8 | 21.0 | 21.1 | 20.6 | 19.7         | 88.9 | 17.5  | 3.1  | 0.4      | 4.0      |         |
| 最大   | Max.  | 21.2            | 27.2       | 19.4       | 22.7             | 22.5 | 22.3 | 22.0 | 21.1 | 20.4         | 98.4 | 246.0 | 10.0 | 0.6      | 8.2      |         |
| 最低   | Min.  | 10.7            | 14.5       | 4.5        | 17.4             | 18.0 | 18.5 | 19.5 | 20.0 | 19.0         | 71.3 | 0.0   | 0.0  | 0.0      | 2.1      |         |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 10月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 10   | 1     | 13.1            | 14.6 | 11.4 | 16.7             | 17.4 | 18.0 | 19.2 | 19.8 | 19.7      | 98.8   | 39.0     | 0.0     | 0.2           | 3.5  | E    |
| 10   | 2     | 16.0            | 25.5 | 9.2  | 17.6             | 17.6 | 17.9 | 18.9 | 19.7 | 19.6      | 79.7   | 0.0      | 9.3     | 0.7           | 7.6  | W    |
| 10   | 3     | 14.4            | 23.6 | 7.8  | 17.4             | 17.7 | 18.0 | 18.8 | 19.5 | 19.6      | 72.4   | 0.0      | 9.8     | 0.6           | 3.8  | W    |
| 10   | 4     | 13.4            | 19.1 | 8.4  | 17.3             | 17.6 | 17.9 | 18.7 | 19.4 | 19.6      | 86.5   | 0.0      | 4.3     | 0.5           | 5.2  | SSE  |
| 10   | 5     | 15.7            | 20.0 | 13.1 | 17.9             | 17.9 | 18.1 | 18.6 | 19.2 | 19.5      | 92.9   | 1.5      | 0.2     | 0.2           | 2.8  | SSW  |
| 10   | 6     | 16.1            | 22.7 | 11.8 | 18.2             | 18.2 | 18.3 | 18.6 | 19.1 | 19.5      | 82.0   | 0.0      | 6.3     | 0.6           | 4.5  | SW   |
| 10   | 7     | 12.6            | 13.8 | 9.8  | 17.8             | 18.2 | 18.4 | 18.7 | 19.1 | 19.4      | 92.3   | 0.0      | 0.0     | 0.2           | 3.1  | E    |
| 10   | 8     | 11.6            | 14.3 | 10.0 | 17.1             | 17.6 | 18.0 | 18.7 | 19.0 | 19.4      | 94.6   | 3.0      | 0.1     | 0.2           | 3.8  | SW   |
| 10   | 9     | 13.0            | 14.8 | 10.9 | 17.0             | 17.4 | 17.7 | 18.5 | 18.9 | 19.3      | 95.8   | 2.5      | 0.0     | 0.2           | 2.5  | E    |
| 10   | 10    | 11.5            | 13.1 | 10.2 | 14.5             | 16.1 | 16.8 | 18.2 | 18.8 | 19.3      | 99.2   | 104.5    | 0.0     | 0.2           | 2.5  | W    |
| 10   | 11    | 15.4            | 22.4 | 10.3 | 15.4             | 15.4 | 15.7 | 17.2 | 18.5 | 19.3      | 90.6   | 0.0      | 7.4     | 0.6           | 4.0  | W    |
| 10   | 12    | 13.4            | 20.6 | 9.5  | 15.8             | 16.0 | 16.2 | 17.0 | 18.3 | 19.2      | 85.6   | 0.0      | 5.7     | 0.5           | 4.0  | WNW  |
| 10   | 13    | 13.6            | 22.8 | 7.9  | 15.7             | 16.0 | 16.2 | 17.0 | 18.2 | 19.2      | 77.5   | 0.0      | 8.9     | 0.7           | 3.5  | W    |
| 10   | 14    | 12.2            | 21.2 | 6.3  | 15.5             | 15.9 | 16.2 | 17.0 | 18.1 | 19.1      | 73.4   | 0.0      | 6.6     | 0.5           | 3.4  | W    |
| 10   | 15    | 11.7            | 20.9 | 5.7  | 15.1             | 15.6 | 15.9 | 16.9 | 18.0 | 19.0      | 66.7   | 0.0      | 10.0    | 0.7           | 3.6  | WSW  |
| 10   | 16    | 12.4            | 20.1 | 6.8  | 15.0             | 15.4 | 15.7 | 16.8 | 17.9 | 19.0      | 84.5   | 0.5      | 3.3     | 0.4           | 4.3  | S    |
| 10   | 17    | 12.8            | 14.9 | 11.3 | 15.5             | 15.7 | 15.9 | 16.7 | 17.7 | 18.9      | 97.4   | 6.5      | 0.0     | 0.2           | 5.1  | NE   |
| 10   | 18    | 9.5             | 11.6 | 4.1  | 14.6             | 15.3 | 15.7 | 16.6 | 17.6 | 18.8      | 98.4   | 23.0     | 0.0     | 0.2           | 2.2  | ENE  |
| 10   | 19    | 8.5             | 16.3 | 1.3  | 13.9             | 14.6 | 15.1 | 16.4 | 17.5 | 18.7      | 85.6   | 0.0      | 10.1    | 0.5           | 3.7  | SSW  |
| 10   | 20    | 9.7             | 17.6 | 4.3  | 13.9             | 14.5 | 14.9 | 16.2 | 17.4 | 18.7      | 76.0   | 0.0      | 10.1    | 0.6           | 4.1  | WSW  |
| 10   | 21    | 9.2             | 14.9 | 5.7  | 13.5             | 14.2 | 14.7 | 16.0 | 17.3 | 18.6      | 87.6   | 0.0      | 0.6     | 0.2           | 3.0  | W    |
| 10   | 22    | 10.6            | 16.1 | 7.0  | 13.7             | 14.2 | 14.6 | 15.8 | 17.2 | 18.5      | 90.5   | 14.5     | 2.1     | 0.2           | 3.7  | S    |
| 10   | 23    | 14.7            | 24.4 | 8.5  | 14.2             | 14.4 | 14.6 | 15.6 | 17.0 | 18.4      | 80.4   | 7.5      | 10.0    | 0.7           | 5.7  | W    |
| 10   | 24    | 11.5            | 19.5 | 5.8  | 14.1             | 14.5 | 14.8 | 15.6 | 16.9 | 18.4      | 73.2   | 0.0      | 8.3     | 0.5           | 4.3  | W    |
| 10   | 25    | 10.8            | 16.9 | 6.9  | 13.9             | 14.3 | 14.6 | 15.5 | 16.7 | 18.3      | 82.3   | 0.0      | 4.5     | 0.5           | 2.8  | W    |
| 10   | 26    | 10.3            | 15.3 | 6.1  | 13.7             | 14.1 | 14.4 | 15.5 | 16.6 | 18.2      | 86.1   | 0.0      | 4.8     | 0.4           | 3.7  | SSE  |
| 10   | 27    | 10.7            | 18.9 | 5.3  | 13.6             | 14.0 | 14.3 | 15.3 | 16.5 | 18.1      | 77.6   | 0.0      | 9.5     | 0.6           | 3.6  | WSW  |
| 10   | 28    | 8.8             | 11.1 | 6.1  | 13.0             | 13.7 | 14.1 | 15.2 | 16.4 | 18.1      | 98.0   | 8.0      | 0.0     | 0.4           | 4.8  | ENE  |
| 10   | 29    | 11.9            | 19.5 | 5.8  | 13.3             | 13.6 | 14.0 | 15.1 | 16.3 | 18.0      | 83.5   | 0.0      | 6.0     | 0.6           | 7.1  | W    |
| 10   | 30    | 7.4             | 13.9 | 4.0  | 12.8             | 13.4 | 13.8 | 15.0 | 16.2 | 17.9      | 87.6   | 0.0      | 6.8     | 0.4           | 4.0  | SSE  |
| 10   | 31    | 9.5             | 17.6 | 4.2  | 12.4             | 12.9 | 13.4 | 14.8 | 16.1 | 17.8      | 82.2   | 0.0      | 9.4     | 0.5           | 3.7  | SW   |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 210.5    | 154.0   |               |      |      |
| 平均   | Mean  | 12.0            | 18.0 | 7.6  | 15.2             | 15.6 | 15.9 | 16.9 | 17.9 | 18.9      | 85.8   | 6.8      | 5.0     | 0.4           | 4.0  |      |
| 最大   | Max.  | 16.1            | 25.5 | 13.1 | 18.2             | 18.2 | 18.4 | 19.2 | 19.8 | 19.7      | 99.2   | 104.5    | 10.1    | 0.7           | 7.6  |      |
| 最低   | Min.  | 7.4             | 11.1 | 1.3  | 12.4             | 12.9 | 13.4 | 14.8 | 16.1 | 17.8      | 66.7   | 0.0      | 0.0     | 0.2           | 2.2  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 11月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 11   | 1     | 9.0             | 15.3 | 3.8  | 12.3             | 12.8 | 13.2 | 14.6 | 16.0 | 17.8      | 84.8   | 0.0      | 4.3     | 0.5           | 3.4  | WSW  |
| 11   | 2     | 10.9            | 17.3 | 7.1  | 12.6             | 12.9 | 13.2 | 14.4 | 15.9 | 17.7      | 79.7   | 0.0      | 3.8     | 0.4           | 3.5  | NNE  |
| 11   | 3     | 8.8             | 11.0 | 7.0  | 12.2             | 12.8 | 13.2 | 14.3 | 15.8 | 17.6      | 94.1   | 26.5     | 0.0     | 0.2           | 3.1  | WNW  |
| 11   | 4     | 8.1             | 16.2 | 1.6  | 11.7             | 12.3 | 12.8 | 14.1 | 15.7 | 17.5      | 75.2   | 1.5      | 7.7     | 0.7           | 8.8  | NW   |
| 11   | 5     | 5.4             | 12.9 | 0.7  | 10.7             | 11.7 | 12.3 | 13.9 | 15.5 | 17.5      | 88.6   | 14.0     | 1.5     | 0.5           | 5.2  | WNW  |
| 11   | 6     | 11.0            | 19.6 | 3.5  | 11.1             | 11.5 | 11.9 | 13.5 | 15.3 | 17.4      | 82.1   | 15.5     | 4.9     | 1.0           | 11.2 | WNW  |
| 11   | 7     | 5.3             | 13.3 | 0.1  | 10.7             | 11.4 | 11.9 | 13.3 | 15.1 | 17.3      | 74.6   | 0.0      | 6.5     | 0.6           | 4.3  | NW   |
| 11   | 8     | 5.7             | 13.1 | 0.3  | 10.1             | 10.8 | 11.4 | 13.1 | 15.0 | 17.2      | 84.7   | 0.0      | 8.1     | 0.5           | 3.8  | S    |
| 11   | 9     | 7.1             | 11.1 | 3.1  | 10.0             | 10.7 | 11.2 | 12.9 | 14.8 | 17.1      | 93.3   | 5.0      | 0.3     | 0.2           | 2.2  | W    |
| 11   | 10    | 6.2             | 7.4  | 4.1  | 10.3             | 10.8 | 11.2 | 12.7 | 14.7 | 17.0      | 98.1   | 10.5     | 0.0     | 0.1           | 2.3  | NNW  |
| 11   | 11    | 6.1             | 12.5 | 1.3  | 9.9              | 10.5 | 11.0 | 12.5 | 14.5 | 16.9      | 89.5   | 0.0      | 8.4     | 0.5           | 4.3  | SSW  |
| 11   | 12    | 6.4             | 15.1 | 3.5  | 9.9              | 10.4 | 10.9 | 12.4 | 14.4 | 16.8      | 86.7   | 0.0      | 2.7     | 0.3           | 4.3  | W    |
| 11   | 13    | 5.5             | 10.6 | 2.2  | 9.3              | 10.1 | 10.7 | 12.2 | 14.2 | 16.8      | 75.2   | 0.0      | 4.0     | 0.6           | 3.8  | NE   |
| 11   | 14    | 4.7             | 13.1 | 0.2  | 9.1              | 9.8  | 10.4 | 12.1 | 14.1 | 16.7      | 77.1   | 0.0      | 6.9     | 0.6           | 4.1  | WSW  |
| 11   | 15    | 3.3             | 10.6 | -1.6 | 8.2              | 9.2  | 9.9  | 11.9 | 14.0 | 16.6      | 81.1   | 0.0      | 6.1     | 0.5           | 3.8  | ESE  |
| 11   | 16    | 6.0             | 15.0 | 0.5  | 8.1              | 8.9  | 9.5  | 11.6 | 13.8 | 16.5      | 70.0   | 0.0      | 8.3     | 0.8           | 4.2  | W    |
| 11   | 17    | 6.3             | 13.9 | 1.9  | 8.1              | 8.7  | 9.4  | 11.3 | 13.7 | 16.4      | 72.1   | 0.0      | 5.6     | 0.5           | 3.3  | W    |
| 11   | 18    | 4.4             | 11.9 | 0.4  | 7.9              | 8.6  | 9.2  | 11.1 | 13.5 | 16.3      | 73.5   | 0.0      | 3.4     | 0.5           | 3.7  | WSW  |
| 11   | 19    | 5.0             | 13.4 | 0.0  | 7.7              | 8.4  | 9.0  | 11.0 | 13.4 | 16.2      | 71.9   | 0.0      | 6.7     | 0.6           | 3.7  | WSW  |
| 11   | 20    | 5.0             | 13.2 | 0.1  | 7.6              | 8.2  | 8.8  | 10.8 | 13.2 | 16.2      | 79.0   | 0.0      | 8.0     | 0.5           | 3.4  | SW   |
| 11   | 21    | 5.8             | 14.4 | 1.1  | 7.5              | 8.1  | 8.7  | 10.6 | 13.1 | 16.1      | 73.3   | 0.0      | 7.6     | 0.6           | 3.7  | WSW  |
| 11   | 22    | 6.9             | 16.0 | 1.0  | 7.3              | 7.9  | 8.5  | 10.4 | 13.0 | 16.0      | 55.9   | 0.0      | 8.0     | 0.7           | 3.4  | W    |
| 11   | 23    | 7.4             | 15.9 | 2.7  | 7.4              | 7.9  | 8.4  | 10.3 | 12.8 | 15.9      | 65.5   | 0.0      | 7.9     | 0.6           | 4.0  | WSW  |
| 11   | 24    | 6.8             | 16.3 | 1.4  | 7.3              | 7.8  | 8.4  | 10.1 | 12.7 | 15.8      | 66.9   | 0.0      | 7.9     | 0.6           | 3.5  | WSW  |
| 11   | 25    | 7.7             | 18.6 | 0.9  | 6.9              | 7.6  | 8.2  | 10.0 | 12.5 | 15.7      | 50.1   | 0.0      | 7.8     | 0.5           | 3.7  | W    |
| 11   | 26    | 5.7             | 12.7 | 1.2  | 6.8              | 7.4  | 8.1  | 9.9  | 12.4 | 15.6      | 67.1   | 0.0      | 5.3     | 0.6           | 3.5  | WNW  |
| 11   | 27    | 3.2             | 10.7 | -1.2 | 6.2              | 7.1  | 7.8  | 9.7  | 12.3 | 15.5      | 56.7   | 0.0      | 6.1     | 0.7           | 8.6  | W    |
| 11   | 28    | 4.1             | 13.3 | -1.5 | 5.6              | 6.5  | 7.4  | 9.5  | 12.1 | 15.4      | 53.6   | 0.0      | 7.7     | 0.7           | 3.5  | W    |
| 11   | 29    | 6.2             | 14.2 | 0.7  | 5.8              | 6.4  | 7.2  | 9.3  | 12.0 | 15.4      | 61.4   | 0.0      | 6.5     | 0.5           | 5.8  | W    |
| 11   | 30    | 7.3             | 14.3 | 1.3  | 6.6              | 6.9  | 7.4  | 9.1  | 11.8 | 15.2      | 75.2   | 0.0      | 3.3     | 0.6           | 4.6  | NE   |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 73.0     | 165.2   |               |      |      |
| 平均   | Mean  | 6.4             | 13.7 | 1.6  | 8.8              | 9.5  | 10.0 | 11.7 | 13.9 | 16.5      | 75.2   | 2.4      | 5.5     | 0.5           | 4.3  |      |
| 最大   | Max.  | 11.0            | 19.6 | 7.1  | 12.6             | 12.9 | 13.2 | 14.6 | 16.0 | 17.8      | 98.1   | 26.5     | 8.4     | 1.0           | 11.2 |      |
| 最低   | Min.  | 3.2             | 7.4  | -1.6 | 5.6              | 6.4  | 7.2  | 9.1  | 11.8 | 15.2      | 50.1   | 0.0      | 0.0     | 0.1           | 2.2  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2001年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |      |           | 湿度     | 降水       | 日照      | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |      |           | Hum. % | Prec. mm | Sun hrs | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0  | 2.0m deep |        |          |         | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |     |     |     |      |           |        |          |         | Mean          | Max. | Dir. |
| 12   | 1     | 3.9             | 12.0 | -1.2 | 5.9              | 6.7 | 7.3 | 9.1 | 11.7 | 15.2      | 63.0   | 0.0      | 6.2     | 0.6           | 3.4  | W    |
| 12   | 2     | 5.0             | 13.7 | 0.0  | 5.6              | 6.3 | 7.0 | 9.0 | 11.6 | 15.1      | 60.1   | 0.0      | 7.6     | 0.7           | 4.7  | WNW  |
| 12   | 3     | 4.9             | 13.3 | -0.4 | 5.6              | 6.2 | 6.9 | 8.8 | 11.5 | 15.0      | 75.0   | 0.0      | 5.8     | 0.6           | 5.0  | W    |
| 12   | 4     | 5.4             | 9.2  | 4.2  | 6.3              | 6.6 | 7.1 | 8.7 | 11.3 | 14.9      | 94.1   | 5.0      | 0.9     | 0.2           | 4.5  | SE   |
| 12   | 5     | 5.4             | 10.9 | 2.0  | 7.0              | 7.1 | 7.5 | 8.7 | 11.2 | 14.8      | 90.0   | 0.0      | 5.7     | 0.5           | 5.5  | SSE  |
| 12   | 6     | 4.8             | 6.4  | 2.0  | 7.0              | 7.4 | 7.7 | 8.8 | 11.1 | 14.7      | 98.0   | 4.0      | 0.0     | 0.1           | 3.0  | NW   |
| 12   | 7     | 2.8             | 10.1 | -1.9 | 6.3              | 7.0 | 7.6 | 8.9 | 11.0 | 14.6      | 75.0   | 0.0      | 6.6     | 1.0           | 7.0  | NW   |
| 12   | 8     | 1.3             | 8.8  | -2.9 | 5.2              | 6.2 | 7.0 | 8.8 | 11.0 | 14.5      | 75.8   | 0.5      | 7.4     | 0.7           | 5.2  | WSW  |
| 12   | 9     | 2.6             | 9.5  | -1.0 | 4.9              | 5.7 | 6.5 | 8.5 | 10.9 | 14.5      | 62.8   | 0.0      | 7.4     | 1.2           | 9.4  | WNW  |
| 12   | 10    | 1.1             | 7.5  | -2.1 | 4.3              | 5.3 | 6.2 | 8.3 | 10.9 | 14.4      | 54.2   | 0.0      | 5.1     | 0.9           | 6.4  | NW   |
| 12   | 11    | 1.2             | 7.6  | -3.6 | 3.6              | 4.7 | 5.7 | 8.0 | 10.8 | 14.3      | 43.1   | 0.0      | 7.3     | 1.4           | 10.2 | WNW  |
| 12   | 12    | 2.2             | 11.5 | -3.1 | 3.4              | 4.3 | 5.3 | 7.7 | 10.6 | 14.2      | 50.3   | 0.0      | 7.3     | 0.7           | 4.6  | ESE  |
| 12   | 13    | 2.5             | 6.3  | -1.4 | 3.7              | 4.3 | 5.1 | 7.5 | 10.5 | 14.1      | 89.1   | 10.0     | 0.2     | 0.6           | 6.6  | N    |
| 12   | 14    | 3.1             | 8.0  | -0.3 | 4.1              | 4.6 | 5.3 | 7.3 | 10.3 | 14.1      | 58.6   | 0.0      | 7.1     | 2.0           | 11.1 | WNW  |
| 12   | 15    | 2.2             | 6.8  | -1.0 | 3.5              | 4.3 | 5.1 | 7.2 | 10.2 | 14.0      | 35.6   | 0.0      | 5.0     | 2.0           | 14.2 | W    |
| 12   | 16    | 1.3             | 7.9  | -2.9 | 3.2              | 4.0 | 4.9 | 7.0 | 10.0 | 13.9      | 54.1   | 0.0      | 7.1     | 0.8           | 6.6  | E    |
| 12   | 17    | 1.3             | 9.9  | -3.4 | 3.0              | 3.7 | 4.6 | 6.8 | 9.9  | 13.8      | 58.8   | 0.0      | 7.2     | 0.7           | 3.9  | WNW  |
| 12   | 18    | 0.8             | 8.6  | -3.7 | 2.9              | 3.6 | 4.4 | 6.6 | 9.7  | 13.8      | 63.4   | 0.0      | 7.2     | 0.7           | 4.0  | SW   |
| 12   | 19    | 0.0             | 8.7  | -4.6 | 2.4              | 3.3 | 4.2 | 6.4 | 9.6  | 13.7      | 58.2   | 0.0      | 7.2     | 0.8           | 3.9  | W    |
| 12   | 20    | 0.6             | 10.1 | -3.9 | 2.2              | 3.1 | 3.9 | 6.2 | 9.5  | 13.6      | 60.8   | 0.5      | 7.0     | 0.7           | 5.8  | W    |
| 12   | 21    | -1.4            | 2.1  | -3.3 | 2.0              | 2.9 | 3.7 | 6.0 | 9.3  | 13.5      | 84.6   | 0.0      | 0.2     | 0.2           | 2.6  | W    |
| 12   | 22    | 0.3             | 7.0  | -4.0 | 2.1              | 2.8 | 3.6 | 5.9 | 9.2  | 13.4      | 64.7   | 0.5      | 5.8     | 1.5           | 10.5 | W    |
| 12   | 23    | -0.8            | 7.8  | -5.6 | 1.7              | 2.6 | 3.5 | 5.7 | 9.0  | 13.3      | 52.1   | 0.0      | 7.2     | 0.7           | 3.7  | W    |
| 12   | 24    | 0.4             | 9.0  | -5.0 | 1.6              | 2.4 | 3.2 | 5.5 | 8.9  | 13.3      | 57.5   | 0.0      | 7.2     | 0.7           | 3.7  | W    |
| 12   | 25    | 0.9             | 8.2  | -2.1 | 1.9              | 2.4 | 3.2 | 5.4 | 8.7  | 13.2      | 69.0   | 0.0      | 1.7     | 0.4           | 3.5  | ESE  |
| 12   | 26    | 1.9             | 7.4  | -2.2 | 2.2              | 2.6 | 3.3 | 5.3 | 8.5  | 13.1      | 51.8   | 0.0      | 7.0     | 1.2           | 8.3  | W    |
| 12   | 27    | 0.3             | 8.4  | -3.9 | 1.9              | 2.5 | 3.2 | 5.2 | 8.4  | 13.0      | 55.7   | 0.0      | 6.6     | 0.7           | 3.7  | WSW  |
| 12   | 28    | -0.4            | 5.6  | -4.0 | 1.6              | 2.3 | 3.1 | 5.1 | 8.3  | 12.9      | 66.9   | 0.0      | 2.7     | 0.5           | 3.1  | WNW  |
| 12   | 29    | -1.7            | 3.6  | -5.5 | 1.3              | 2.1 | 2.9 | 5.0 | 8.2  | 12.8      | 65.6   | 0.0      | 3.1     | 0.6           | 4.9  | WSW  |
| 12   | 30    | 1.4             | 5.9  | -4.0 | 1.2              | 2.0 | 2.8 | 4.9 | 8.1  | 12.7      | 44.9   | 0.0      | 1.6     | 2.4           | 9.9  | W    |
| 12   | 31    | 0.1             | 7.4  | -4.3 | 1.3              | 1.9 | 2.7 | 4.8 | 7.9  | 12.6      | 47.6   | 0.0      | 7.3     | 0.9           | 7.0  | SW   |
| 計    | Total |                 |      |      |                  |     |     |     |      |           |        | 20.5     | 165.8   |               |      |      |
| 平均   | Mean  | 1.7             | 8.4  | -2.4 | 3.5              | 4.2 | 5.0 | 7.0 | 9.9  | 13.9      | 63.9   | 0.7      | 5.3     | 0.9           | 6.0  |      |
| 最大   | Max.  | 5.4             | 13.7 | 4.2  | 7.0              | 7.4 | 7.7 | 9.1 | 11.7 | 15.2      | 98.0   | 10.0     | 7.6     | 2.4           | 14.2 |      |
| 最低   | Min.  | -1.7            | 2.1  | -5.6 | 1.2              | 1.9 | 2.7 | 4.8 | 7.9  | 12.6      | 35.6   | 0.0      | 0.0     | 0.1           | 2.6  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2002年 01月

## 气象月報

秩父演習林栃木

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |
| 01   | 1     | 1.8             | 11.3 | -4.5 | 1.3              | 1.9 | 2.6 | 4.6 | 7.8 | 12.5      | 54.0   | 0.0      | 6.8     | 1.0           | 10.6 | W    |
| 01   | 2     | -1.1            | 3.5  | -6.0 | 1.1              | 1.8 | 2.5 | 4.5 | 7.7 | 12.4      | 59.4   | 1.0      | 2.3     | 1.6           | 14.9 | W    |
| 01   | 3     | -2.7            | 3.6  | -6.9 | 0.9              | 1.6 | 2.4 | 4.4 | 7.6 | 12.3      | 48.0   | 0.5      | 7.3     | 2.0           | 13.1 | W    |
| 01   | 4     | 0.6             | 8.4  | -5.3 | 0.8              | 1.5 | 2.3 | 4.3 | 7.5 | 12.3      | 50.8   | 0.0      | 6.3     | 1.1           | 6.6  | WNW  |
| 01   | 5     | -0.1            | 3.5  | -4.6 | 0.9              | 1.5 | 2.2 | 4.2 | 7.4 | 12.2      | 79.1   | 1.5      | 0.6     | 0.7           | 6.0  | NW   |
| 01   | 6     | -1.1            | 5.7  | -5.9 | 0.9              | 1.5 | 2.2 | 4.2 | 7.3 | 12.1      | 47.4   | 0.5      | 7.5     | 1.3           | 7.3  | W    |
| 01   | 7     | -2.1            | 3.9  | -6.5 | 0.7              | 1.4 | 2.2 | 4.1 | 7.2 | 12.0      | 65.2   | 2.0      | 4.7     | 0.7           | 4.7  | SE   |
| 01   | 8     | 1.0             | 8.2  | -2.5 | 1.1              | 1.5 | 2.1 | 4.0 | 7.1 | 11.9      | 66.3   | 3.5      | 7.4     | 1.8           | 13.0 | WSW  |
| 01   | 9     | 1.9             | 7.2  | -3.0 | 1.0              | 1.5 | 2.2 | 3.9 | 7.0 | 11.8      | 38.0   | 0.5      | 7.5     | 2.5           | 15.1 | W    |
| 01   | 10    | 2.0             | 10.7 | -4.0 | 1.1              | 1.5 | 2.1 | 3.9 | 6.9 | 11.7      | 55.6   | 0.0      | 7.6     | 0.8           | 6.7  | W    |
| 01   | 11    | 4.2             | 12.7 | -0.9 | 1.4              | 1.6 | 2.2 | 3.8 | 6.8 | 11.6      | 61.6   | 0.0      | 2.6     | 1.2           | 9.0  | NW   |
| 01   | 12    | 3.6             | 13.7 | -2.2 | 1.6              | 1.7 | 2.3 | 3.8 | 6.7 | 11.5      | 62.4   | 0.0      | 7.6     | 0.8           | 3.1  | W    |
| 01   | 13    | 2.9             | 12.2 | -1.5 | 1.9              | 1.9 | 2.4 | 3.8 | 6.6 | 11.5      | 71.7   | 0.0      | 4.1     | 0.6           | 4.9  | ESE  |
| 01   | 14    | 1.8             | 9.6  | -2.8 | 1.6              | 1.9 | 2.4 | 3.8 | 6.6 | 11.4      | 61.9   | 0.0      | 7.6     | 0.7           | 3.6  | WSW  |
| 01   | 15    | 7.4             | 16.9 | -1.5 | 2.1              | 2.0 | 2.4 | 3.8 | 6.5 | 11.3      | 63.1   | 0.0      | 6.2     | 0.7           | 4.4  | WNW  |
| 01   | 16    | 7.8             | 10.5 | 4.7  | 2.9              | 2.6 | 2.8 | 3.8 | 6.4 | 11.2      | 83.1   | 0.5      | 0.1     | 0.4           | 3.8  | NNW  |
| 01   | 17    | 1.9             | 4.8  | -0.8 | 3.3              | 3.3 | 3.4 | 4.0 | 6.4 | 11.1      | 97.4   | 2.0      | 0.0     | 0.3           | 3.0  | E    |
| 01   | 18    | 0.4             | 7.1  | -3.7 | 3.1              | 3.3 | 3.5 | 4.2 | 6.3 | 11.0      | 73.1   | 0.5      | 7.2     | 0.4           | 3.4  | SSE  |
| 01   | 19    | -1.1            | 6.4  | -6.2 | 2.2              | 2.8 | 3.3 | 4.3 | 6.3 | 10.9      | 69.0   | 0.0      | 7.8     | 0.7           | 4.0  | WSW  |
| 01   | 20    | -0.2            | 6.6  | -5.4 | 1.9              | 2.4 | 2.9 | 4.3 | 6.3 | 10.9      | 74.0   | 0.0      | 7.2     | 0.6           | 4.9  | S    |
| 01   | 21    | 1.5             | 4.6  | -0.8 | 1.8              | 2.2 | 2.8 | 4.1 | 6.3 | 10.8      | 98.7   | 44.5     | 0.0     | 0.4           | 4.2  | NW   |
| 01   | 22    | 3.4             | 11.3 | -2.8 | 2.5              | 2.4 | 2.7 | 3.8 | 6.2 | 10.7      | 64.7   | 0.0      | 7.7     | 1.4           | 9.2  | W    |
| 01   | 23    | -0.3            | 6.1  | -4.3 | 1.7              | 2.3 | 2.8 | 3.8 | 6.0 | 10.6      | 45.9   | 0.5      | 4.6     | 1.2           | 6.8  | W    |
| 01   | 24    | 0.0             | 9.5  | -5.4 | 1.6              | 2.0 | 2.5 | 3.8 | 6.0 | 10.5      | 50.4   | 0.0      | 7.6     | 0.7           | 6.4  | WSW  |
| 01   | 25    | -0.4            | 8.1  | -5.0 | 1.5              | 1.9 | 2.4 | 3.8 | 5.9 | 10.4      | 57.4   | 0.5      | 8.1     | 0.8           | 4.4  | SSW  |
| 01   | 26    | -2.8            | 0.8  | -6.6 | 0.9              | 1.7 | 2.3 | 3.7 | 5.9 | 10.3      | 77.2   | 9.5      | 0.0     | 0.5           | 4.0  | ESE  |
| 01   | 27    | 1.4             | 7.1  | -2.5 | 0.9              | 1.5 | 2.1 | 3.6 | 5.8 | 10.2      | 80.3   | 44.5     | 4.1     | 1.6           | 16.3 | WNW  |
| 01   | 28    | 1.9             | 8.3  | -1.7 | 1.1              | 1.6 | 2.1 | 3.5 | 5.8 | 10.2      | 50.3   | 0.0      | 8.3     | 2.3           | 13.0 | W    |
| 01   | 29    | -0.4            | 4.5  | -5.8 | 1.2              | 1.6 | 2.1 | 3.4 | 5.7 | 10.1      | 53.3   | 0.0      | 5.3     | 1.2           | 8.8  | W    |
| 01   | 30    | -2.0            | 6.1  | -7.5 | 1.3              | 1.7 | 2.2 | 3.4 | 5.7 | 10.0      | 59.2   | 0.0      | 6.3     | 0.7           | 4.7  | W    |
| 01   | 31    | -1.4            | 4.8  | -6.1 | 1.3              | 1.7 | 2.2 | 3.4 | 5.6 | 10.0      | 58.7   | 0.0      | 8.4     | 0.9           | 6.6  | WSW  |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 112.0    | 168.7   |               |      |      |
| 平均   | Mean  | 1.0             | 7.7  | -3.8 | 1.5              | 1.9 | 2.5 | 3.9 | 6.6 | 11.2      | 63.8   | 3.6      | 5.4     | 1.0           | 7.3  |      |
| 最大   | Max.  | 7.8             | 16.9 | 4.7  | 3.3              | 3.3 | 3.5 | 4.6 | 7.8 | 12.5      | 98.7   | 44.5     | 8.4     | 2.5           | 16.3 |      |
| 最低   | Min.  | -2.8            | 0.8  | -7.5 | 0.7              | 1.4 | 2.1 | 3.4 | 5.6 | 10.0      | 38.0   | 0.0      | 0.0     | 0.3           | 3.0  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2002年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |
| 02   | 1     | -1.9            | 5.9  | -7.6 | 1.2              | 1.7 | 2.2 | 3.4 | 5.6 | 9.9       | 64.0   | 0.0      | 8.7     | 0.8           | 4.0  | WSW  |
| 02   | 2     | 0.8             | 8.7  | -5.1 | 1.1              | 1.7 | 2.2 | 3.4 | 5.5 | 9.8       | 63.9   | 0.0      | 7.6     | 0.6           | 4.6  | WSW  |
| 02   | 3     | 0.4             | 1.6  | -0.6 | 1.2              | 1.7 | 2.2 | 3.4 | 5.5 | 9.8       | 92.9   | 5.5      | 0.0     | 0.1           | 2.1  | WSW  |
| 02   | 4     | 2.4             | 9.3  | -1.2 | 1.5              | 1.8 | 2.3 | 3.4 | 5.4 | 9.7       | 87.5   | 0.5      | 7.9     | 0.4           | 4.3  | S    |
| 02   | 5     | 1.1             | 3.8  | -0.9 | 1.7              | 1.9 | 2.3 | 3.4 | 5.4 | 9.6       | 88.9   | 3.0      | 0.0     | 0.2           | 3.1  | SSE  |
| 02   | 6     | 3.1             | 10.5 | -0.6 | 1.9              | 2.1 | 2.3 | 3.3 | 5.3 | 9.6       | 88.1   | 4.5      | 7.1     | 0.5           | 3.8  | SW   |
| 02   | 7     | 3.0             | 11.5 | -1.8 | 2.2              | 2.2 | 2.4 | 3.3 | 5.2 | 9.5       | 70.3   | 0.0      | 7.8     | 1.1           | 9.2  | WNW  |
| 02   | 8     | 3.1             | 12.3 | -2.7 | 2.3              | 2.3 | 2.5 | 3.3 | 5.1 | 9.4       | 52.3   | 0.0      | 5.5     | 0.7           | 4.1  | NNW  |
| 02   | 9     | 3.7             | 10.7 | -4.9 | 2.8              | 2.5 | 2.7 | 3.3 | 5.1 | 9.3       | 44.9   | 0.0      | 8.3     | 2.1           | 11.5 | W    |
| 02   | 10    | -3.5            | 0.3  | -6.7 | 1.4              | 2.1 | 2.6 | 3.4 | 5.1 | 9.2       | 71.8   | 0.0      | 0.0     | 0.3           | 2.8  | S    |
| 02   | 11    | -3.1            | 3.0  | -7.6 | 0.8              | 1.5 | 2.1 | 3.3 | 5.0 | 9.1       | 62.1   | 0.0      | 3.6     | 0.7           | 4.4  | SSE  |
| 02   | 12    | -0.8            | 7.2  | -6.8 | 1.2              | 1.4 | 1.9 | 3.2 | 5.0 | 9.1       | 49.3   | 0.0      | 9.3     | 1.1           | 8.1  | WSW  |
| 02   | 13    | -1.7            | 6.1  | -6.0 | 1.3              | 1.5 | 2.0 | 3.1 | 5.0 | 9.0       | 67.7   | 0.0      | 4.3     | 0.6           | 4.7  | SSE  |
| 02   | 14    | -2.4            | 5.0  | -7.6 | 1.3              | 1.6 | 2.0 | 3.1 | 4.9 | 8.9       | 56.5   | 0.0      | 6.2     | 0.9           | 7.1  | W    |
| 02   | 15    | -1.6            | 7.7  | -7.9 | 1.4              | 1.5 | 2.0 | 3.0 | 4.9 | 8.9       | 48.3   | 0.0      | 9.7     | 1.0           | 10.3 | WSW  |
| 02   | 16    | 0.1             | 10.0 | -7.1 | 1.7              | 1.7 | 2.0 | 3.0 | 4.9 | 8.8       | 55.5   | 0.0      | 9.5     | 0.9           | 4.6  | WSW  |
| 02   | 17    | 1.1             | 6.7  | -3.4 | 1.5              | 1.7 | 2.1 | 3.0 | 4.8 | 8.8       | 68.5   | 0.0      | 0.0     | 0.4           | 3.0  | W    |
| 02   | 18    | 2.4             | 11.9 | -2.8 | 2.2              | 2.1 | 2.2 | 3.0 | 4.8 | 8.7       | 54.6   | 0.0      | 7.1     | 1.7           | 10.9 | WNW  |
| 02   | 19    | 0.3             | 7.6  | -5.3 | 2.4              | 2.3 | 2.5 | 3.1 | 4.8 | 8.7       | 46.1   | 0.0      | 9.3     | 1.7           | 14.0 | WSW  |
| 02   | 20    | 2.9             | 12.5 | -2.2 | 2.8              | 2.6 | 2.7 | 3.2 | 4.8 | 8.6       | 47.4   | 0.0      | 10.0    | 0.9           | 4.9  | SSW  |
| 02   | 21    | 4.8             | 14.9 | -2.0 | 3.5              | 3.0 | 3.0 | 3.3 | 4.8 | 8.6       | 52.9   | 0.0      | 9.9     | 0.8           | 4.1  | WSW  |
| 02   | 22    | 6.7             | 18.1 | 0.2  | 4.2              | 3.7 | 3.5 | 3.5 | 4.8 | 8.6       | 58.5   | 0.0      | 8.4     | 1.2           | 12.0 | W    |
| 02   | 23    | 3.8             | 11.7 | -1.4 | 4.4              | 4.1 | 3.9 | 3.7 | 4.8 | 8.5       | 64.4   | 0.0      | 9.0     | 0.8           | 4.9  | SSE  |
| 02   | 24    | 2.9             | 11.3 | -2.8 | 4.7              | 4.4 | 4.2 | 3.9 | 4.8 | 8.5       | 55.3   | 0.0      | 6.5     | 0.6           | 4.9  | SE   |
| 02   | 25    | 1.6             | 9.9  | -4.8 | 4.2              | 4.2 | 4.2 | 4.2 | 4.9 | 8.4       | 67.7   | 0.0      | 10.0    | 0.7           | 4.6  | S    |
| 02   | 26    | 3.8             | 11.9 | -1.7 | 4.2              | 4.2 | 4.2 | 4.3 | 4.9 | 8.4       | 70.7   | 0.0      | 2.7     | 0.5           | 4.1  | SE   |
| 02   | 27    | 4.4             | 9.4  | 0.3  | 4.5              | 4.4 | 4.4 | 4.4 | 5.0 | 8.4       | 78.7   | 0.0      | 2.0     | 0.4           | 4.3  | SSE  |
| 02   | 28    | 4.3             | 6.0  | 2.4  | 4.6              | 4.6 | 4.6 | 4.5 | 5.1 | 8.3       | 95.8   | 0.5      | 0.0     | 0.2           | 2.0  | WSW  |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 14.0     | 170.5   |               |      |      |
| 平均   | Mean  | 1.5             | 8.8  | -3.5 | 2.4              | 2.5 | 2.8 | 3.4 | 5.0 | 9.0       | 65.2   | 0.5      | 6.1     | 0.8           | 5.8  |      |
| 最大   | Max.  | 6.7             | 18.1 | 2.4  | 4.7              | 4.6 | 4.6 | 4.5 | 5.6 | 9.9       | 95.8   | 5.5      | 10.0    | 2.1           | 14.0 |      |
| 最低   | Min.  | -3.5            | 0.3  | -7.9 | 0.8              | 1.4 | 1.9 | 3.0 | 4.8 | 8.3       | 44.9   | 0.0      | 0.0     | 0.1           | 2.0  |      |

代替機器観測日 (The date of observation by alternative hardwares)

2002年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |
| 03   | 1     | 6.5             | 10.4 | 4.3  | 5.3              | 5.0 | 4.9 | 4.7 | 5.1 | 8.3       | 85.6   | 0.0      | 0.0     | 0.3           | 2.8  | SSW  |
| 03   | 2     | 5.1             | 11.5 | 1.8  | 5.6              | 5.4 | 5.2 | 4.9 | 5.2 | 8.3       | 85.7   | 0.0      | 1.1     | 0.3           | 4.1  | SE   |
| 03   | 3     | 1.5             | 7.1  | -1.3 | 5.0              | 5.3 | 5.3 | 5.1 | 5.3 | 8.2       | 66.7   | 0.0      | 3.7     | 0.6           | 4.7  | ESE  |
| 03   | 4     | 2.3             | 12.1 | -4.9 | 5.2              | 5.1 | 5.1 | 5.2 | 5.4 | 8.2       | 60.3   | 0.0      | 10.0    | 0.7           | 5.7  | S    |
| 03   | 5     | 2.2             | 7.5  | -1.6 | 4.3              | 4.8 | 5.0 | 5.2 | 5.5 | 8.2       | 66.0   | 1.0      | 0.0     | 0.5           | 3.4  | E    |
| 03   | 6     | 7.3             | 19.3 | 0.3  | 5.6              | 5.0 | 4.9 | 5.2 | 5.5 | 8.2       | 78.6   | 20.0     | 6.4     | 1.1           | 9.0  | E    |
| 03   | 7     | 4.4             | 10.5 | -1.5 | 5.6              | 5.6 | 5.5 | 5.3 | 5.6 | 8.2       | 43.7   | 0.0      | 6.6     | 2.2           | 9.1  | W    |
| 03   | 8     | 2.1             | 10.7 | -3.1 | 5.2              | 5.2 | 5.3 | 5.4 | 5.7 | 8.2       | 50.9   | 0.0      | 10.0    | 1.1           | 7.6  | SW   |
| 03   | 9     | 3.8             | 14.4 | -4.4 | 5.3              | 5.2 | 5.3 | 5.4 | 5.7 | 8.2       | 57.2   | 0.0      | 10.0    | 0.8           | 4.0  | SW   |
| 03   | 10    | 9.1             | 19.7 | 1.0  | 6.0              | 5.6 | 5.5 | 5.5 | 5.8 | 8.2       | 35.0   | 0.0      | 9.0     | 1.5           | 11.0 | WNW  |
| 03   | 11    | 6.3             | 14.6 | 0.6  | 6.8              | 6.3 | 6.0 | 5.6 | 5.8 | 8.2       | 57.9   | 0.0      | 10.0    | 0.8           | 5.1  | ESE  |
| 03   | 12    | 7.2             | 18.0 | 0.1  | 6.9              | 6.4 | 6.2 | 5.8 | 5.9 | 8.2       | 53.5   | 0.0      | 9.8     | 1.0           | 5.4  | S    |
| 03   | 13    | 5.2             | 15.3 | -1.7 | 6.8              | 6.6 | 6.5 | 6.0 | 6.0 | 8.2       | 49.3   | 0.0      | 10.0    | 0.9           | 5.2  | S    |
| 03   | 14    | 7.7             | 17.7 | -0.8 | 7.0              | 6.6 | 6.5 | 6.1 | 6.0 | 8.2       | 53.5   | 0.0      | 8.6     | 0.7           | 6.4  | SSE  |
| 03   | 15    | 12.0            | 22.2 | 6.9  | 8.6              | 7.6 | 7.1 | 6.3 | 6.1 | 8.2       | 52.8   | 0.0      | 5.6     | 2.0           | 11.5 | W    |
| 03   | 16    | 7.9             | 14.5 | 2.5  | 7.5              | 7.6 | 7.4 | 6.6 | 6.2 | 8.2       | 46.3   | 0.0      | 2.8     | 0.8           | 12.1 | WSW  |
| 03   | 17    | 9.8             | 20.7 | 0.6  | 7.7              | 7.3 | 7.2 | 6.8 | 6.3 | 8.2       | 40.3   | 0.0      | 9.1     | 1.2           | 10.9 | WNW  |
| 03   | 18    | 7.9             | 16.1 | 2.3  | 7.4              | 7.4 | 7.4 | 6.9 | 6.4 | 8.2       | 37.8   | 0.0      | 4.6     | 1.7           | 9.3  | W    |
| 03   | 19    | 8.5             | 16.4 | 1.9  | 7.5              | 7.3 | 7.3 | 7.0 | 6.5 | 8.2       | 27.5   | 0.0      | 10.0    | 2.1           | 10.4 | W    |
| 03   | 20    | 9.1             | 17.4 | 2.2  | 7.9              | 7.6 | 7.5 | 7.0 | 6.6 | 8.2       | 27.9   | 0.0      | 10.0    | 1.9           | 17.1 | WSW  |
| 03   | 21    | 10.5            | 17.4 | 0.9  | 7.5              | 7.4 | 7.5 | 7.2 | 6.7 | 8.2       | 46.5   | 0.0      | 4.6     | 3.1           | 15.8 | W    |
| 03   | 22    | 10.1            | 14.4 | 5.0  | 8.2              | 7.9 | 7.7 | 7.2 | 6.8 | 8.3       | 69.3   | 0.5      | 0.9     | 0.6           | 6.1  | E    |
| 03   | 23    | 5.6             | 12.9 | -0.6 | 8.7              | 8.3 | 8.0 | 7.4 | 6.9 | 8.3       | 65.7   | 1.5      | 6.4     | 1.3           | 10.5 | SW   |
| 03   | 24    | 2.3             | 9.1  | -2.6 | 6.5              | 7.3 | 7.7 | 7.5 | 7.0 | 8.3       | 57.8   | 0.0      | 5.0     | 0.8           | 8.2  | SE   |
| 03   | 25    | 3.2             | 10.7 | -2.7 | 6.5              | 6.7 | 7.1 | 7.5 | 7.1 | 8.3       | 62.1   | 0.0      | 7.9     | 0.8           | 5.3  | SSE  |
| 03   | 26    | 4.3             | 11.6 | -0.5 | 6.6              | 6.8 | 7.0 | 7.3 | 7.2 | 8.4       | 84.1   | 0.0      | 1.5     | 0.5           | 3.9  | SE   |
| 03   | 27    | 4.6             | 7.3  | 1.0  | 6.4              | 6.7 | 7.0 | 7.3 | 7.2 | 8.4       | 90.7   | 17.5     | 0.2     | 0.8           | 7.5  | NW   |
| 03   | 28    | 5.6             | 14.2 | -0.7 | 6.8              | 6.6 | 6.9 | 7.3 | 7.3 | 8.4       | 51.0   | 0.0      | 9.9     | 0.9           | 5.4  | E    |
| 03   | 29    | 4.6             | 6.6  | 1.5  | 6.4              | 6.8 | 7.0 | 7.2 | 7.3 | 8.5       | 94.2   | 16.5     | 0.0     | 0.5           | 3.2  | E    |
| 03   | 30    | 10.8            | 20.2 | 5.5  | 8.6              | 7.7 | 7.4 | 7.2 | 7.3 | 8.5       | 71.9   | 8.0      | 9.9     | 0.9           | 5.3  | NNE  |
| 03   | 31    | 7.9             | 13.5 | 4.0  | 9.0              | 8.5 | 8.2 | 7.5 | 7.3 | 8.5       | 85.2   | 0.0      | 4.6     | 0.6           | 5.3  | ESE  |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 65.0     | 188.1   |               |      |      |
| 平均   | Mean  | 6.3             | 14.0 | 0.5  | 6.7              | 6.6 | 6.5 | 6.3 | 6.3 | 8.3       | 59.8   | 2.1      | 6.1     | 1.1           | 7.4  |      |
| 最大   | Max.  | 12.0            | 22.2 | 6.9  | 9.0              | 8.5 | 8.2 | 7.5 | 7.3 | 8.5       | 94.2   | 20.0     | 10.0    | 3.1           | 17.1 |      |
| 最低   | Min.  | 1.5             | 6.6  | -4.9 | 4.3              | 4.8 | 4.9 | 4.7 | 5.1 | 8.2       | 27.5   | 0.0      | 0.0     | 0.3           | 2.8  |      |

2002年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 04   | 1     | 10.2            | 19.3 | 2.5  | 9.7              | 9.0  | 8.6  | 7.7  | 7.4  | 8.6       | 74.9   | 0.0      | 9.9     | 0.8           | 4.9  | SSE  |
| 04   | 2     | 14.3            | 24.3 | 6.4  | 10.5             | 9.7  | 9.2  | 8.0  | 7.4  | 8.6       | 50.5   | 0.0      | 9.5     | 0.9           | 5.7  | NE   |
| 04   | 3     | 13.3            | 21.9 | 5.4  | 11.2             | 10.4 | 9.7  | 8.4  | 7.5  | 8.6       | 66.2   | 0.0      | 9.2     | 0.7           | 6.3  | SSE  |
| 04   | 4     | 9.6             | 16.2 | 4.0  | 10.7             | 10.5 | 10.1 | 8.7  | 7.6  | 8.6       | 37.8   | 0.0      | 9.5     | 2.0           | 12.5 | SW   |
| 04   | 5     | 9.9             | 19.0 | 2.9  | 9.6              | 9.7  | 9.7  | 9.0  | 7.8  | 8.7       | 24.3   | 0.0      | 9.9     | 1.2           | 7.3  | N    |
| 04   | 6     | 10.4            | 18.4 | 4.0  | 9.5              | 9.5  | 9.5  | 9.0  | 7.9  | 8.7       | 34.1   | 0.0      | 5.7     | 0.8           | 5.4  | ESE  |
| 04   | 7     | 9.8             | 19.1 | 3.0  | 10.6             | 10.1 | 9.8  | 9.1  | 8.1  | 8.7       | 77.2   | 0.5      | 7.8     | 0.6           | 5.2  | ESE  |
| 04   | 8     | 15.3            | 24.5 | 7.4  | 11.9             | 11.0 | 10.4 | 9.3  | 8.2  | 8.8       | 74.3   | 0.0      | 9.5     | 0.8           | 5.8  | ESE  |
| 04   | 9     | 11.8            | 17.3 | 6.9  | 11.8             | 11.6 | 11.0 | 9.6  | 8.3  | 8.8       | 91.9   | 8.0      | 0.8     | 0.6           | 3.4  | E    |
| 04   | 10    | 6.2             | 7.6  | 5.0  | 10.3             | 10.8 | 10.8 | 9.8  | 8.4  | 8.8       | 93.3   | 0.0      | 0.0     | 0.3           | 3.0  | E    |
| 04   | 11    | 7.8             | 12.8 | 5.3  | 10.1             | 10.3 | 10.3 | 9.9  | 8.5  | 8.9       | 90.9   | 2.0      | 0.5     | 0.3           | 4.6  | ESE  |
| 04   | 12    | 6.9             | 12.4 | 1.9  | 9.8              | 10.1 | 10.2 | 9.9  | 8.7  | 8.9       | 93.7   | 12.5     | 0.9     | 0.3           | 3.2  | NNW  |
| 04   | 13    | 5.9             | 12.4 | 0.4  | 9.4              | 9.6  | 9.8  | 9.8  | 8.8  | 9.0       | 84.4   | 0.0      | 6.2     | 0.8           | 5.2  | E    |
| 04   | 14    | 9.4             | 17.9 | 1.9  | 9.9              | 9.7  | 9.8  | 9.7  | 8.9  | 9.0       | 66.2   | 0.0      | 10.0    | 0.7           | 5.2  | ENE  |
| 04   | 15    | 16.7            | 26.8 | 6.9  | 11.4             | 10.7 | 10.4 | 9.7  | 9.0  | 9.1       | 45.9   | 0.0      | 4.9     | 1.4           | 8.6  | WNW  |
| 04   | 16    | 17.6            | 21.9 | 13.8 | 12.2             | 11.7 | 11.2 | 10.0 | 9.0  | 9.1       | 51.6   | 0.0      | 1.1     | 2.2           | 10.8 | WSW  |
| 04   | 17    | 17.1            | 21.2 | 11.1 | 13.0             | 12.3 | 11.7 | 10.3 | 9.1  | 9.2       | 78.4   | 8.0      | 0.2     | 1.8           | 10.7 | WNW  |
| 04   | 18    | 10.5            | 16.7 | 6.4  | 13.1             | 12.7 | 12.2 | 10.7 | 9.2  | 9.2       | 74.1   | 0.5      | 2.4     | 0.5           | 4.3  | ESE  |
| 04   | 19    | 9.9             | 17.7 | 3.0  | 12.3             | 12.3 | 12.1 | 10.9 | 9.3  | 9.3       | 63.6   | 0.0      | 6.7     | 0.6           | 5.2  | SE   |
| 04   | 20    | 10.2            | 16.1 | 6.7  | 12.0             | 12.1 | 12.0 | 11.1 | 9.5  | 9.3       | 79.4   | 0.0      | 0.0     | 0.3           | 3.8  | SE   |
| 04   | 21    | 8.8             | 9.5  | 7.7  | 11.3             | 11.7 | 11.8 | 11.2 | 9.6  | 9.4       | 94.5   | 29.5     | 0.0     | 0.1           | 3.7  | E    |
| 04   | 22    | 10.5            | 14.7 | 8.2  | 11.4             | 11.4 | 11.4 | 11.1 | 9.7  | 9.4       | 93.5   | 3.5      | 0.0     | 0.2           | 3.4  | SE   |
| 04   | 23    | 11.8            | 18.3 | 6.4  | 12.4             | 12.0 | 11.7 | 11.1 | 9.9  | 9.5       | 84.4   | 0.0      | 4.2     | 0.6           | 4.9  | SE   |
| 04   | 24    | 13.1            | 20.7 | 7.1  | 13.3             | 12.7 | 12.3 | 11.3 | 10.0 | 9.6       | 79.4   | 0.0      | 6.8     | 0.6           | 4.7  | SE   |
| 04   | 25    | 10.1            | 12.7 | 6.5  | 12.6             | 12.8 | 12.6 | 11.5 | 10.1 | 9.6       | 92.7   | 1.5      | 0.0     | 0.2           | 3.3  | E    |
| 04   | 26    | 5.9             | 6.8  | 4.9  | 11.2             | 11.8 | 12.1 | 11.6 | 10.2 | 9.7       | 95.1   | 2.5      | 0.0     | 0.2           | 2.8  | ESE  |
| 04   | 27    | 7.1             | 10.2 | 5.0  | 10.7             | 11.2 | 11.5 | 11.5 | 10.3 | 9.7       | 87.4   | 0.5      | 0.0     | 0.2           | 2.9  | SSE  |
| 04   | 28    | 8.6             | 16.4 | 3.7  | 11.1             | 11.2 | 11.4 | 11.4 | 10.4 | 9.8       | 72.3   | 0.0      | 4.2     | 0.5           | 4.9  | ESE  |
| 04   | 29    | 10.4            | 19.6 | 2.0  | 11.4             | 11.4 | 11.4 | 11.3 | 10.4 | 9.9       | 65.9   | 0.0      | 10.0    | 0.6           | 4.5  | SE   |
| 04   | 30    | 11.4            | 15.4 | 7.4  | 11.9             | 11.9 | 11.8 | 11.4 | 10.5 | 9.9       | 86.8   | 0.5      | 0.2     | 0.2           | 2.5  | SE   |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 69.5     | 129.9   |               |      |      |
| 平均   | Mean  | 10.7            | 16.9 | 5.5  | 11.2             | 11.1 | 10.9 | 10.1 | 9.0  | 9.1       | 73.5   | 2.3      | 4.3     | 0.7           | 5.3  |      |
| 最大   | Max.  | 17.6            | 26.8 | 13.8 | 13.3             | 12.8 | 12.6 | 11.6 | 10.5 | 9.9       | 95.1   | 29.5     | 10.0    | 2.2           | 12.5 |      |
| 最低   | Min.  | 5.9             | 6.8  | 0.4  | 9.4              | 9.0  | 8.6  | 7.7  | 7.4  | 8.6       | 24.3   | 0.0      | 0.0     | 0.1           | 2.5  |      |



2002年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 05   | 1     | 14.9            | 20.0 | 11.5 | 12.8             | 12.4 | 12.1 | 11.4 | 10.5 | 10.0      | 86.4   | 0.0      | 1.3     | 0.2           | 5.2  | SE   |
| 05   | 2     | 12.0            | 16.8 | 8.1  | 12.8             | 12.7 | 12.5 | 11.6 | 10.6 | 10.1      | 86.9   | 0.0      | 0.2     | 0.3           | 3.0  | SE   |
| 05   | 3     | 13.3            | 22.0 | 6.3  | 12.8             | 12.6 | 12.4 | 11.8 | 10.6 | 10.1      | 71.6   | 0.0      | 7.4     | 0.6           | 4.5  | ESE  |
| 05   | 4     | 15.3            | 22.8 | 9.4  | 13.8             | 13.3 | 12.9 | 11.9 | 10.7 | 10.2      | 75.5   | 0.0      | 1.9     | 0.5           | 4.7  | ESE  |
| 05   | 5     | 18.2            | 26.9 | 11.5 | 15.0             | 14.2 | 13.6 | 12.1 | 10.8 | 10.2      | 69.1   | 0.0      | 4.6     | 0.6           | 5.2  | E    |
| 05   | 6     | 13.2            | 19.7 | 9.2  | 14.4             | 14.3 | 13.9 | 12.4 | 10.9 | 10.3      | 62.0   | 0.0      | 7.4     | 0.6           | 4.9  | ESE  |
| 05   | 7     | 9.2             | 10.8 | 7.5  | 13.1             | 13.6 | 13.6 | 12.6 | 11.0 | 10.3      | 87.9   | 0.5      | 0.0     | 0.2           | 3.5  | ESE  |
| 05   | 8     | 16.5            | 25.5 | 9.3  | 14.1             | 13.6 | 13.4 | 12.6 | 11.1 | 10.4      | 84.2   | 0.0      | 2.6     | 0.5           | 3.4  | ESE  |
| 05   | 9     | 11.9            | 15.3 | 9.6  | 14.2             | 14.2 | 13.9 | 12.8 | 11.2 | 10.4      | 97.0   | 0.5      | 0.0     | 0.4           | 3.4  | E    |
| 05   | 10    | 9.4             | 10.8 | 8.8  | 13.1             | 13.5 | 13.5 | 12.9 | 11.3 | 10.5      | 98.7   | 8.5      | 0.0     | 0.2           | 3.4  | ESE  |
| 05   | 11    | 11.6            | 14.5 | 8.6  | 12.7             | 12.9 | 13.1 | 12.8 | 11.3 | 10.5      | 95.4   | 12.5     | 0.0     | 0.1           | 2.6  | SE   |
| 05   | 12    | 15.5            | 21.8 | 11.7 | 14.2             | 13.7 | 13.4 | 12.8 | 11.4 | 10.6      | 83.1   | 0.0      | 0.9     | 0.4           | 4.0  | ESE  |
| 05   | 13    | 12.2            | 17.0 | 9.7  | 14.4             | 14.3 | 13.9 | 12.9 | 11.5 | 10.7      | 94.3   | 1.5      | 0.0     | 0.3           | 3.6  | ESE  |
| 05   | 14    | 15.0            | 22.8 | 8.8  | 14.5             | 14.3 | 14.0 | 13.1 | 11.6 | 10.7      | 81.6   | 4.5      | 4.1     | 0.5           | 3.8  | ESE  |
| 05   | 15    | 15.8            | 22.8 | 10.3 | 15.3             | 14.8 | 14.4 | 13.2 | 11.7 | 10.8      | 80.9   | 0.5      | 3.0     | 0.6           | 4.0  | ESE  |
| 05   | 16    | 8.5             | 10.4 | 7.6  | 13.9             | 14.4 | 14.4 | 13.4 | 11.8 | 10.8      | 97.7   | 2.5      | 0.0     | 0.3           | 3.7  | ESE  |
| 05   | 17    | 7.7             | 8.7  | 6.6  | 12.6             | 13.3 | 13.7 | 13.5 | 11.9 | 10.9      | 99.5   | 10.5     | 0.0     | 0.3           | 2.7  | E    |
| 05   | 18    | 10.8            | 13.7 | 7.7  | 12.4             | 12.7 | 13.1 | 13.3 | 11.9 | 10.9      | 97.1   | 6.0      | 0.0     | 0.0           | 1.8  | WSW  |
| 05   | 19    | 12.8            | 17.0 | 8.5  | 13.1             | 13.0 | 13.1 | 13.1 | 12.0 | 11.0      | 92.3   | 2.5      | 2.1     | 0.4           | 3.2  | ESE  |
| 05   | 20    | 11.5            | 15.4 | 8.6  | 13.4             | 13.4 | 13.3 | 13.0 | 12.1 | 11.0      | 94.0   | 2.0      | 0.5     | 0.3           | 3.7  | ESE  |
| 05   | 21    | 12.8            | 21.4 | 7.2  | 13.7             | 13.5 | 13.4 | 13.1 | 12.1 | 11.1      | 80.3   | 0.0      | 3.4     | 0.6           | 6.4  | E    |
| 05   | 22    | 14.5            | 23.9 | 6.0  | 13.6             | 13.6 | 13.6 | 13.1 | 12.1 | 11.2      | 69.7   | 0.0      | 4.2     | 0.4           | 4.2  | E    |
| 05   | 23    | 18.4            | 22.2 | 14.3 | 15.0             | 14.3 | 13.9 | 13.2 | 12.2 | 11.2      | 71.5   | 0.5      | 0.0     | 0.4           | 3.1  | ESE  |
| 05   | 24    | 15.7            | 24.0 | 8.8  | 15.0             | 14.6 | 14.3 | 13.3 | 12.2 | 11.3      | 70.7   | 0.0      | 0.7     | 0.6           | 4.8  | WSW  |
| 05   | 25    | 14.7            | 24.7 | 6.5  | 14.3             | 14.4 | 14.3 | 13.5 | 12.3 | 11.4      | 51.0   | 0.0      | 3.9     | 0.6           | 6.4  | E    |
| 05   | 26    | 12.5            | 21.6 | 6.6  | 13.7             | 14.0 | 14.1 | 13.6 | 12.3 | 11.4      | 69.6   | 2.5      | 4.7     | 0.6           | 5.2  | NW   |
| 05   | 27    | 12.2            | 19.7 | 8.3  | 13.9             | 14.0 | 14.0 | 13.6 | 12.4 | 11.5      | 89.4   | 6.0      | 0.5     | 0.5           | 4.0  | WSW  |
| 05   | 28    | 14.1            | 22.7 | 6.8  | 14.7             | 14.3 | 14.1 | 13.6 | 12.4 | 11.5      | 73.0   | 0.0      | 4.2     | 0.6           | 4.4  | SSE  |
| 05   | 29    | 14.3            | 20.9 | 9.1  | 15.1             | 14.8 | 14.5 | 13.7 | 12.5 | 11.5      | 78.1   | 0.0      | 1.9     | 0.4           | 3.7  | SW   |
| 05   | 30    | 16.5            | 23.5 | 9.3  | 15.4             | 14.9 | 14.6 | 13.8 | 12.5 | 11.6      | 71.8   | 0.0      | 2.0     | 0.6           | 7.0  | SSE  |
| 05   | 31    | 16.9            | 21.5 | 13.9 | 15.9             | 15.5 | 15.1 | 13.9 | 12.6 | 11.6      | 78.8   | 0.0      | 0.2     | 0.3           | 5.5  | SSW  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 61.0     | 61.7    |               |      |      |
| 平均   | Mean  | 13.5            | 19.4 | 8.9  | 14.0             | 13.8 | 13.7 | 13.0 | 11.7 | 10.8      | 81.9   | 2.0      | 2.0     | 0.4           | 4.1  |      |
| 最大   | Max.  | 18.4            | 26.9 | 14.3 | 15.9             | 15.5 | 15.1 | 13.9 | 12.6 | 11.6      | 99.5   | 12.5     | 7.4     | 0.6           | 7.0  |      |
| 最低   | Min.  | 7.7             | 8.7  | 6.0  | 12.4             | 12.4 | 12.1 | 11.4 | 10.5 | 10.0      | 51.0   | 0.0      | 0.0     | 0.0           | 1.8  |      |

2002年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 06   | 1     | 17.3            | 24.5 | 11.3 | 16.3             | 15.8 | 15.3 | 14.2 | 12.7 | 11.7      | 78.3   | 0.0      | 2.6     | 0.5           | 4.4  | ESE  |
| 06   | 2     | 17.8            | 25.1 | 11.9 | 16.6             | 16.1 | 15.6 | 14.4 | 12.8 | 11.7      | 68.0   | 0.0      | 4.5     | 0.7           | 5.1  | E    |
| 06   | 3     | 15.8            | 22.6 | 10.1 | 16.4             | 16.2 | 15.8 | 14.5 | 12.9 | 11.8      | 78.6   | 0.0      | 1.2     | 0.6           | 4.2  | SW   |
| 06   | 4     | 17.1            | 23.9 | 10.3 | 16.5             | 16.2 | 15.8 | 14.7 | 13.0 | 11.8      | 77.6   | 0.0      | 3.2     | 0.5           | 4.3  | WNW  |
| 06   | 5     | 18.6            | 27.6 | 11.4 | 17.3             | 16.6 | 16.1 | 14.8 | 13.1 | 11.9      | 67.9   | 11.0     | 3.3     | 0.7           | 4.6  | E    |
| 06   | 6     | 16.6            | 24.8 | 11.4 | 17.7             | 17.1 | 16.5 | 15.0 | 13.2 | 11.9      | 82.3   | 0.0      | 1.8     | 0.4           | 3.9  | SE   |
| 06   | 7     | 20.0            | 28.9 | 11.8 | 18.3             | 17.6 | 16.8 | 15.3 | 13.3 | 12.0      | 68.9   | 0.0      | 4.4     | 0.6           | 5.2  | ESE  |
| 06   | 8     | 20.7            | 27.7 | 14.4 | 19.3             | 18.3 | 17.4 | 15.5 | 13.4 | 12.0      | 73.3   | 0.0      | 0.2     | 0.5           | 4.7  | SE   |
| 06   | 9     | 19.4            | 27.3 | 12.1 | 19.1             | 18.6 | 17.9 | 15.9 | 13.6 | 12.1      | 50.8   | 0.0      | 5.3     | 1.0           | 8.5  | WSW  |
| 06   | 10    | 19.9            | 29.6 | 11.5 | 18.7             | 18.2 | 17.6 | 16.1 | 13.8 | 12.1      | 49.3   | 0.0      | 3.1     | 0.6           | 4.6  | SSE  |
| 06   | 11    | 21.6            | 29.6 | 15.8 | 19.5             | 18.7 | 18.0 | 16.2 | 14.0 | 12.2      | 64.9   | 1.5      | 0.4     | 0.5           | 9.3  | SE   |
| 06   | 12    | 19.2            | 24.6 | 15.3 | 19.7             | 19.2 | 18.5 | 16.5 | 14.1 | 12.2      | 94.7   | 0.5      | 0.0     | 0.3           | 3.5  | E    |
| 06   | 13    | 15.8            | 17.8 | 15.2 | 18.3             | 18.5 | 18.2 | 16.7 | 14.3 | 12.3      | 97.9   | 0.5      | 0.0     | 0.1           | 3.0  | E    |
| 06   | 14    | 16.7            | 19.5 | 14.0 | 18.1             | 18.1 | 17.9 | 16.8 | 14.5 | 12.4      | 94.5   | 0.0      | 0.0     | 0.3           | 3.2  | ESE  |
| 06   | 15    | 16.4            | 17.8 | 15.1 | 18.0             | 18.0 | 17.8 | 16.8 | 14.6 | 12.4      | 97.2   | 8.0      | 0.0     | 0.1           | 2.6  | ESE  |
| 06   | 16    | 16.8            | 19.9 | 13.8 | 18.0             | 17.9 | 17.7 | 16.8 | 14.7 | 12.5      | 94.0   | 0.5      | 0.0     | 0.3           | 3.5  | SE   |
| 06   | 17    | 17.9            | 22.5 | 12.8 | 18.4             | 18.1 | 17.8 | 16.8 | 14.8 | 12.6      | 88.5   | 0.0      | 0.0     | 0.3           | 2.9  | SE   |
| 06   | 18    | 14.5            | 17.0 | 10.3 | 17.2             | 17.8 | 17.7 | 16.9 | 14.8 | 12.7      | 97.0   | 57.5     | 0.0     | 0.3           | 4.5  | NW   |
| 06   | 19    | 17.9            | 27.9 | 9.2  | 17.8             | 17.4 | 17.2 | 16.9 | 15.0 | 12.7      | 71.1   | 0.0      | 3.5     | 0.5           | 4.6  | N    |
| 06   | 20    | 15.5            | 18.3 | 12.9 | 17.4             | 17.7 | 17.5 | 16.8 | 15.1 | 12.8      | 91.7   | 0.5      | 0.0     | 0.3           | 3.2  | E    |
| 06   | 21    | 20.1            | 28.9 | 14.0 | 19.0             | 18.2 | 17.7 | 16.8 | 15.2 | 13.0      | 75.3   | 0.5      | 4.0     | 0.5           | 4.9  | SE   |
| 06   | 22    | 15.7            | 21.2 | 13.9 | 18.4             | 18.5 | 18.1 | 17.0 | 15.3 | 13.1      | 92.2   | 0.5      | 0.1     | 0.5           | 5.5  | ESE  |
| 06   | 23    | 13.8            | 17.9 | 12.2 | 17.5             | 17.9 | 17.8 | 17.1 | 15.3 | 13.1      | 96.2   | 4.0      | 0.0     | 0.2           | 3.9  | ESE  |
| 06   | 24    | 14.9            | 20.1 | 11.5 | 17.5             | 17.6 | 17.5 | 17.0 | 15.4 | 13.2      | 85.9   | 0.5      | 0.9     | 0.3           | 4.0  | ESE  |
| 06   | 25    | 12.5            | 13.0 | 12.0 | 16.4             | 17.1 | 17.3 | 17.0 | 15.4 | 13.3      | 98.8   | 10.0     | 0.0     | 0.2           | 3.1  | E    |
| 06   | 26    | 12.7            | 13.9 | 11.8 | 16.1             | 16.6 | 16.8 | 16.8 | 15.5 | 13.4      | 98.3   | 3.0      | 0.0     | 0.2           | 2.8  | E    |
| 06   | 27    | 12.8            | 14.3 | 11.8 | 15.8             | 16.4 | 16.5 | 16.6 | 15.5 | 13.5      | 98.9   | 3.5      | 0.0     | 0.1           | 2.1  | E    |
| 06   | 28    | 16.3            | 21.1 | 11.9 | 17.0             | 16.7 | 16.6 | 16.5 | 15.5 | 13.5      | 90.1   | 0.0      | 0.0     | 0.2           | 4.1  | SE   |
| 06   | 29    | 15.9            | 17.7 | 14.8 | 17.1             | 17.2 | 17.1 | 16.5 | 15.5 | 13.6      | 95.8   | 10.5     | 0.0     | 0.2           | 3.4  | E    |
| 06   | 30    | 17.7            | 20.5 | 15.1 | 17.6             | 17.3 | 17.1 | 16.6 | 15.5 | 13.7      | 94.3   | 5.5      | 0.1     | 0.1           | 2.2  | ESE  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 118.0    | 38.4    |               |      |      |
| 平均   | Mean  | 16.9            | 22.2 | 12.7 | 17.7             | 17.5 | 17.2 | 16.2 | 14.4 | 12.6      | 83.7   | 3.9      | 1.3     | 0.4           | 4.2  |      |
| 最大   | Max.  | 21.6            | 29.6 | 15.8 | 19.7             | 19.2 | 18.5 | 17.1 | 15.5 | 13.7      | 98.9   | 57.5     | 5.3     | 1.0           | 9.3  |      |
| 最低   | Min.  | 12.5            | 13.0 | 9.2  | 15.8             | 15.8 | 15.3 | 14.2 | 12.7 | 11.7      | 49.3   | 0.0      | 0.0     | 0.1           | 2.1  |      |

2002年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 07   | 1     | 18.6            | 20.5 | 16.9 | 18.2             | 17.9 | 17.6 | 16.7 | 15.5 | 13.7      | 96.7   | 5.5      | 0.0     | 0.1           | 2.8  | ESE  |
| 07   | 2     | 20.3            | 25.5 | 17.8 | 18.9             | 18.4 | 17.9 | 16.9 | 15.6 | 13.8      | 93.9   | 0.5      | 0.0     | 0.2           | 3.3  | ESE  |
| 07   | 3     | 20.7            | 25.4 | 17.7 | 19.6             | 19.0 | 18.4 | 17.1 | 15.6 | 13.9      | 91.4   | 0.0      | 0.0     | 0.3           | 3.6  | SSE  |
| 07   | 4     | 23.6            | 30.8 | 17.7 | 20.8             | 19.8 | 19.0 | 17.3 | 15.6 | 13.9      | 81.8   | 0.5      | 3.2     | 0.4           | 5.1  | SE   |
| 07   | 5     | 22.0            | 25.2 | 19.7 | 21.2             | 20.6 | 19.8 | 17.7 | 15.7 | 14.0      | 93.2   | 2.0      | 0.0     | 0.1           | 3.1  | ESE  |
| 07   | 6     | 22.9            | 27.8 | 19.0 | 21.4             | 20.8 | 20.1 | 18.1 | 15.8 | 14.0      | 74.9   | 0.0      | 0.9     | 0.8           | 7.4  | SW   |
| 07   | 7     | 23.0            | 29.1 | 18.4 | 21.3             | 20.8 | 20.2 | 18.3 | 16.0 | 14.1      | 73.3   | 0.0      | 2.1     | 0.8           | 8.6  | W    |
| 07   | 8     | 24.7            | 30.5 | 18.7 | 22.0             | 21.2 | 20.4 | 18.6 | 16.1 | 14.1      | 77.6   | 0.0      | 2.5     | 0.5           | 5.2  | ESE  |
| 07   | 9     | 23.2            | 28.3 | 20.1 | 22.1             | 21.7 | 21.0 | 18.8 | 16.2 | 14.2      | 88.1   | 48.0     | 1.7     | 0.5           | 4.0  | E    |
| 07   | 10    | 20.7            | 22.3 | 19.5 | 21.4             | 21.5 | 21.2 | 19.6 | 16.6 | 14.2      | 98.5   | 135.5    | 0.0     | 0.2           | 2.6  | E    |
| 07   | 11    | 24.5            | 32.2 | 19.5 | 22.3             | 21.7 | 21.4 | 20.6 | 17.9 | 14.8      | 81.4   | 23.0     | 3.1     | 0.4           | 3.8  | ENE  |
| 07   | 12    | 22.7            | 28.9 | 17.5 | 22.7             | 22.4 | 22.0 | 20.6 | 18.1 | 15.0      | 81.5   | 0.0      | 1.7     | 0.4           | 4.5  | SE   |
| 07   | 13    | 22.1            | 30.6 | 18.0 | 22.6             | 22.4 | 22.0 | 20.7 | 18.2 | 15.0      | 86.5   | 2.5      | 0.8     | 0.3           | 5.0  | W    |
| 07   | 14    | 24.3            | 30.4 | 19.5 | 23.0             | 22.6 | 22.2 | 20.8 | 18.2 | 15.1      | 75.1   | 0.0      | 1.2     | 1.5           | 9.4  | W    |
| 07   | 15    | 24.0            | 26.5 | 20.0 | 23.0             | 22.7 | 22.3 | 20.9 | 18.3 | 15.2      | 83.7   | 8.0      | 0.0     | 0.7           | 6.7  | E    |
| 07   | 16    | 20.6            | 27.0 | 18.2 | 22.5             | 22.6 | 22.3 | 21.0 | 18.4 | 15.3      | 90.4   | 14.5     | 1.9     | 0.5           | 3.9  | NNE  |
| 07   | 17    | 20.4            | 24.2 | 17.9 | 21.8             | 22.0 | 21.9 | 21.0 | 18.5 | 15.4      | 88.7   | 1.5      | 0.0     | 0.4           | 4.1  | WNW  |
| 07   | 18    | 23.6            | 30.2 | 17.1 | 22.7             | 22.2 | 21.9 | 20.9 | 18.6 | 15.5      | 80.0   | 0.0      | 3.9     | 0.5           | 4.4  | WSW  |
| 07   | 19    | 22.7            | 27.5 | 20.5 | 22.9             | 22.7 | 22.3 | 21.0 | 18.7 | 15.6      | 92.7   | 8.0      | 0.2     | 0.3           | 5.3  | NE   |
| 07   | 20    | 25.5            | 33.6 | 18.9 | 23.5             | 23.0 | 22.5 | 21.1 | 18.8 | 15.7      | 77.6   | 0.0      | 4.8     | 0.4           | 3.6  | W    |
| 07   | 21    | 25.1            | 30.3 | 20.2 | 23.8             | 23.4 | 22.9 | 21.3 | 18.8 | 15.8      | 83.4   | 0.0      | 2.3     | 0.4           | 3.7  | ESE  |
| 07   | 22    | 24.8            | 29.7 | 20.2 | 23.9             | 23.6 | 23.1 | 21.5 | 18.9 | 15.9      | 85.0   | 0.0      | 2.7     | 0.3           | 3.9  | SE   |
| 07   | 23    | 23.5            | 31.2 | 20.5 | 23.8             | 23.6 | 23.2 | 21.6 | 19.0 | 16.0      | 86.0   | 20.0     | 1.5     | 0.5           | 7.9  | WSW  |
| 07   | 24    | 23.6            | 29.9 | 20.5 | 24.0             | 23.7 | 23.2 | 21.8 | 19.1 | 16.0      | 83.8   | 0.0      | 1.9     | 0.4           | 4.2  | ESE  |
| 07   | 25    | 22.3            | 25.5 | 18.8 | 23.4             | 23.5 | 23.2 | 21.9 | 19.3 | 16.1      | 90.6   | 0.0      | 0.1     | 0.2           | 3.7  | SE   |
| 07   | 26    | 24.8            | 31.3 | 18.8 | 23.9             | 23.6 | 23.2 | 21.9 | 19.4 | 16.2      | 82.0   | 0.0      | 2.5     | 0.4           | 4.6  | SSE  |
| 07   | 27    | 25.8            | 33.1 | 20.0 | 24.3             | 23.9 | 23.5 | 22.0 | 19.5 | 16.3      | 76.9   | 0.0      | 4.3     | 0.5           | 3.7  | SSE  |
| 07   | 28    | 23.6            | 30.4 | 20.3 | 24.2             | 24.1 | 23.7 | 22.2 | 19.6 | 16.4      | 86.3   | 0.0      | 1.7     | 0.6           | 5.5  | ESE  |
| 07   | 29    | 22.9            | 29.1 | 19.2 | 23.8             | 23.9 | 23.6 | 22.3 | 19.7 | 16.5      | 88.7   | 0.0      | 0.0     | 0.3           | 4.0  | SE   |
| 07   | 30    | 24.8            | 31.7 | 19.2 | 23.9             | 23.8 | 23.5 | 22.4 | 19.8 | 16.6      | 79.7   | 0.0      | 3.2     | 0.4           | 4.0  | SE   |
| 07   | 31    | 25.1            | 32.8 | 20.5 | 24.3             | 24.0 | 23.7 | 22.4 | 19.9 | 16.7      | 85.4   | 4.5      | 3.4     | 0.4           | 3.7  | WSW  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 274.0    | 51.5    |               |      |      |
| 平均   | Mean  | 23.1            | 28.7 | 19.1 | 22.5             | 22.2 | 21.7 | 20.3 | 17.9 | 15.2      | 85.0   | 8.8      | 1.7     | 0.4           | 4.7  |      |
| 最大   | Max.  | 25.8            | 33.6 | 20.5 | 24.3             | 24.1 | 23.7 | 22.4 | 19.9 | 16.7      | 98.5   | 135.5    | 4.8     | 1.5           | 9.4  |      |
| 最低   | Min.  | 18.6            | 20.5 | 16.9 | 18.2             | 17.9 | 17.6 | 16.7 | 15.5 | 13.7      | 73.3   | 0.0      | 0.0     | 0.1           | 2.6  |      |

2002年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 08   | 1     | 25.3            | 33.5 | 19.9 | 24.7             | 24.4 | 24.0 | 22.5 | 20.0 | 16.7      | 84.0   | 17.0     | 3.7     | 0.5           | 6.0  | WSW  |
| 08   | 2     | 21.8            | 31.5 | 19.0 | 23.8             | 24.0 | 23.9 | 22.7 | 20.1 | 16.8      | 91.5   | 7.0      | 3.9     | 0.4           | 4.9  | W    |
| 08   | 3     | 23.4            | 30.3 | 17.6 | 23.7             | 23.7 | 23.6 | 22.7 | 20.2 | 16.9      | 83.5   | 0.0      | 4.2     | 0.4           | 4.1  | SE   |
| 08   | 4     | 22.1            | 30.2 | 20.0 | 23.8             | 23.9 | 23.7 | 22.7 | 20.3 | 17.0      | 90.7   | 15.5     | 2.3     | 0.4           | 4.7  | SSW  |
| 08   | 5     | 24.1            | 31.2 | 18.8 | 23.9             | 23.8 | 23.6 | 22.7 | 20.3 | 17.1      | 84.9   | 1.5      | 5.0     | 0.4           | 3.6  | SSE  |
| 08   | 6     | 24.7            | 32.9 | 18.5 | 24.0             | 24.0 | 23.7 | 22.7 | 20.4 | 17.1      | 77.3   | 0.0      | 6.0     | 0.5           | 4.3  | W    |
| 08   | 7     | 25.1            | 32.4 | 19.0 | 24.3             | 24.1 | 23.9 | 22.8 | 20.5 | 17.2      | 80.3   | 0.0      | 5.3     | 0.5           | 4.4  | WSW  |
| 08   | 8     | 25.4            | 34.0 | 19.0 | 24.3             | 24.2 | 24.0 | 22.9 | 20.6 | 17.3      | 72.4   | 0.0      | 6.6     | 0.5           | 4.7  | W    |
| 08   | 9     | 25.1            | 32.0 | 19.9 | 24.1             | 24.1 | 24.0 | 22.9 | 20.7 | 17.4      | 73.9   | 0.0      | 4.8     | 0.5           | 7.6  | WSW  |
| 08   | 10    | 25.7            | 34.0 | 20.1 | 24.3             | 24.2 | 24.0 | 23.0 | 20.8 | 17.5      | 72.3   | 0.0      | 7.6     | 0.7           | 5.2  | WSW  |
| 08   | 11    | 25.3            | 33.1 | 18.7 | 24.1             | 24.1 | 24.0 | 23.0 | 20.9 | 17.6      | 71.9   | 0.0      | 6.4     | 0.5           | 4.5  | WSW  |
| 08   | 12    | 23.1            | 28.1 | 20.5 | 24.0             | 24.1 | 24.0 | 23.0 | 21.0 | 17.7      | 88.2   | 5.0      | 0.2     | 0.4           | 4.3  | ESE  |
| 08   | 13    | 23.8            | 30.4 | 18.7 | 24.1             | 24.0 | 23.9 | 23.0 | 21.0 | 17.7      | 86.0   | 0.5      | 5.1     | 0.5           | 4.1  | SSW  |
| 08   | 14    | 23.6            | 30.0 | 18.7 | 23.9             | 24.0 | 23.9 | 23.0 | 21.1 | 17.8      | 82.8   | 0.0      | 3.0     | 0.4           | 5.1  | SE   |
| 08   | 15    | 24.0            | 29.9 | 19.3 | 24.0             | 24.0 | 23.9 | 23.1 | 21.1 | 17.9      | 85.0   | 12.5     | 3.4     | 0.4           | 3.8  | SE   |
| 08   | 16    | 22.1            | 27.5 | 19.2 | 23.7             | 23.8 | 23.8 | 23.1 | 21.1 | 18.0      | 93.2   | 4.5      | 2.2     | 0.3           | 4.0  | SW   |
| 08   | 17    | 22.2            | 26.5 | 20.5 | 23.6             | 23.7 | 23.7 | 23.0 | 21.2 | 18.0      | 91.0   | 6.5      | 0.4     | 0.3           | 4.3  | ESE  |
| 08   | 18    | 21.0            | 22.3 | 19.9 | 23.0             | 23.4 | 23.5 | 23.0 | 21.2 | 18.1      | 96.3   | 16.5     | 0.0     | 0.1           | 2.6  | ESE  |
| 08   | 19    | 20.6            | 21.9 | 18.9 | 21.4             | 22.0 | 22.4 | 22.9 | 21.5 | 18.3      | 98.0   | 140.5    | 0.0     | 0.7           | 7.3  | E    |
| 08   | 20    | 20.6            | 26.9 | 13.5 | 22.0             | 22.1 | 22.2 | 22.5 | 21.9 | 18.9      | 71.9   | 0.0      | 10.1    | 1.1           | 8.9  | W    |
| 08   | 21    | 18.2            | 25.8 | 12.7 | 20.8             | 21.5 | 22.0 | 22.4 | 21.8 | 19.0      | 70.2   | 0.0      | 7.4     | 0.7           | 5.8  | WSW  |
| 08   | 22    | 17.3            | 22.9 | 11.8 | 20.4             | 21.1 | 21.6 | 22.2 | 21.7 | 19.1      | 77.5   | 0.0      | 2.9     | 0.4           | 3.6  | WSW  |
| 08   | 23    | 16.0            | 16.9 | 15.1 | 19.8             | 20.6 | 21.2 | 22.0 | 21.6 | 19.1      | 94.9   | 8.5      | 0.0     | 0.1           | 2.6  | E    |
| 08   | 24    | 19.3            | 25.9 | 15.5 | 20.4             | 20.6 | 21.0 | 21.7 | 21.5 | 19.1      | 90.1   | 0.0      | 1.3     | 0.3           | 3.6  | ESE  |
| 08   | 25    | 21.4            | 28.6 | 15.6 | 21.3             | 21.3 | 21.4 | 21.6 | 21.4 | 19.2      | 81.6   | 0.0      | 6.7     | 0.5           | 3.4  | SSW  |
| 08   | 26    | 21.2            | 26.7 | 17.0 | 21.7             | 21.7 | 21.8 | 21.7 | 21.3 | 19.2      | 87.1   | 0.0      | 1.6     | 0.4           | 3.8  | ESE  |
| 08   | 27    | 21.5            | 25.3 | 17.9 | 22.0             | 22.0 | 22.0 | 21.7 | 21.3 | 19.2      | 89.1   | 0.0      | 0.7     | 0.2           | 3.5  | SE   |
| 08   | 28    | 22.1            | 29.4 | 17.3 | 22.0             | 22.0 | 22.0 | 21.8 | 21.2 | 19.2      | 87.5   | 0.0      | 3.0     | 0.3           | 3.5  | SSW  |
| 08   | 29    | 22.7            | 30.4 | 15.7 | 22.4             | 22.2 | 22.2 | 21.9 | 21.2 | 19.3      | 80.9   | 0.0      | 9.7     | 0.5           | 4.0  | WSW  |
| 08   | 30    | 23.4            | 30.4 | 18.1 | 23.0             | 22.8 | 22.5 | 21.9 | 21.2 | 19.3      | 82.1   | 0.0      | 6.9     | 0.5           | 4.9  | S    |
| 08   | 31    | 22.9            | 29.8 | 17.7 | 23.2             | 23.1 | 22.8 | 22.1 | 21.2 | 19.3      | 81.3   | 0.0      | 8.5     | 0.6           | 4.0  | SSW  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 235.5    | 129.1   |               |      |      |
| 平均   | Mean  | 22.4            | 28.7 | 17.9 | 23.0             | 23.0 | 23.0 | 22.5 | 21.0 | 18.1      | 83.8   | 7.6      | 4.2     | 0.4           | 4.5  |      |
| 最大   | Max.  | 25.7            | 34.0 | 20.5 | 24.7             | 24.4 | 24.0 | 23.1 | 21.9 | 19.3      | 98.0   | 140.5    | 10.1    | 1.1           | 8.9  |      |
| 最低   | Min.  | 16.0            | 16.9 | 11.8 | 19.8             | 20.6 | 21.0 | 21.6 | 20.0 | 16.7      | 70.2   | 0.0      | 0.0     | 0.1           | 2.6  |      |

2002年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 09   | 1     | 22.4            | 30.4 | 16.6 | 22.9             | 22.9 | 22.8 | 22.2 | 21.2 | 19.3      | 79.7   | 0.0      | 10.1    | 0.6           | 4.3  | SSW  |
| 09   | 2     | 22.0            | 29.2 | 15.4 | 22.7             | 22.7 | 22.7 | 22.2 | 21.2 | 19.3      | 79.2   | 0.0      | 6.8     | 0.6           | 3.7  | SW   |
| 09   | 3     | 24.0            | 30.4 | 19.5 | 23.3             | 23.2 | 22.9 | 22.3 | 21.3 | 19.3      | 80.2   | 0.0      | 6.5     | 0.4           | 3.4  | S    |
| 09   | 4     | 23.1            | 30.3 | 19.6 | 23.4             | 23.3 | 23.1 | 22.4 | 21.3 | 19.3      | 84.0   | 0.0      | 3.3     | 0.4           | 3.7  | WSW  |
| 09   | 5     | 21.6            | 26.6 | 19.7 | 23.0             | 23.2 | 23.1 | 22.5 | 21.3 | 19.3      | 90.9   | 3.5      | 1.6     | 0.3           | 3.7  | ESE  |
| 09   | 6     | 18.8            | 19.9 | 17.3 | 21.6             | 22.3 | 22.6 | 22.5 | 21.3 | 19.3      | 96.7   | 42.5     | 0.0     | 0.1           | 2.9  | SW   |
| 09   | 7     | 19.4            | 21.8 | 18.0 | 21.3             | 21.7 | 22.0 | 22.3 | 21.3 | 19.3      | 96.4   | 8.0      | 0.0     | 0.1           | 2.2  | SW   |
| 09   | 8     | 20.9            | 27.1 | 17.3 | 21.7             | 21.8 | 22.0 | 22.1 | 21.3 | 19.3      | 90.6   | 18.0     | 3.6     | 0.3           | 3.4  | SE   |
| 09   | 9     | 19.7            | 22.8 | 17.8 | 21.6             | 21.9 | 22.1 | 22.0 | 21.3 | 19.3      | 94.2   | 1.0      | 0.1     | 0.2           | 3.7  | E    |
| 09   | 10    | 18.5            | 22.1 | 16.6 | 21.1             | 21.6 | 21.8 | 22.0 | 21.3 | 19.3      | 94.4   | 1.0      | 1.8     | 0.2           | 3.1  | E    |
| 09   | 11    | 20.2            | 27.5 | 15.1 | 21.2             | 21.4 | 21.6 | 21.8 | 21.3 | 19.3      | 88.0   | 0.0      | 2.8     | 0.2           | 3.7  | WSW  |
| 09   | 12    | 21.1            | 28.9 | 15.9 | 21.5             | 21.6 | 21.7 | 21.7 | 21.2 | 19.4      | 85.2   | 2.5      | 5.7     | 0.4           | 3.1  | W    |
| 09   | 13    | 18.1            | 19.7 | 14.9 | 21.0             | 21.5 | 21.7 | 21.7 | 21.2 | 19.4      | 96.6   | 12.0     | 0.0     | 0.2           | 4.4  | E    |
| 09   | 14    | 13.3            | 15.0 | 11.9 | 19.1             | 20.2 | 20.9 | 21.6 | 21.2 | 19.4      | 98.1   | 7.5      | 0.0     | 0.1           | 3.2  | E    |
| 09   | 15    | 13.7            | 15.2 | 11.9 | 18.2             | 19.2 | 20.0 | 21.2 | 21.1 | 19.4      | 97.6   | 0.5      | 0.0     | 0.0           | 2.0  | W    |
| 09   | 16    | 14.2            | 15.6 | 13.5 | 18.0             | 18.8 | 19.5 | 20.8 | 21.0 | 19.4      | 98.6   | 5.5      | 0.0     | 0.1           | 2.3  | ESE  |
| 09   | 17    | 15.2            | 16.2 | 14.0 | 18.0             | 18.7 | 19.3 | 20.5 | 21.0 | 19.4      | 99.1   | 7.5      | 0.0     | 0.2           | 3.3  | ESE  |
| 09   | 18    | 15.8            | 23.8 | 10.6 | 18.2             | 18.7 | 19.2 | 20.2 | 20.8 | 19.4      | 86.6   | 0.5      | 4.6     | 0.3           | 3.1  | W    |
| 09   | 19    | 14.2            | 23.0 | 8.0  | 17.4             | 18.3 | 18.8 | 20.0 | 20.7 | 19.5      | 72.0   | 0.0      | 9.4     | 0.5           | 4.1  | WSW  |
| 09   | 20    | 15.6            | 24.5 | 9.0  | 17.4             | 18.1 | 18.5 | 19.8 | 20.6 | 19.5      | 78.8   | 0.0      | 10.0    | 0.5           | 3.7  | SW   |
| 09   | 21    | 16.3            | 23.8 | 11.2 | 17.6             | 18.2 | 18.5 | 19.6 | 20.4 | 19.5      | 79.9   | 0.0      | 6.8     | 0.4           | 3.8  | SW   |
| 09   | 22    | 14.4            | 18.6 | 12.5 | 17.4             | 18.1 | 18.6 | 19.5 | 20.3 | 19.4      | 92.1   | 6.5      | 0.0     | 0.2           | 3.0  | SSW  |
| 09   | 23    | 14.7            | 21.8 | 11.9 | 17.3             | 17.9 | 18.3 | 19.4 | 20.1 | 19.4      | 88.7   | 0.0      | 1.2     | 0.3           | 5.2  | W    |
| 09   | 24    | 14.7            | 21.6 | 10.2 | 17.3             | 17.8 | 18.2 | 19.2 | 20.0 | 19.4      | 78.1   | 0.0      | 7.5     | 0.4           | 3.6  | SSW  |
| 09   | 25    | 14.1            | 23.0 | 8.4  | 16.8             | 17.6 | 18.0 | 19.1 | 19.9 | 19.4      | 77.3   | 0.0      | 7.0     | 0.5           | 4.0  | SW   |
| 09   | 26    | 12.5            | 14.9 | 10.1 | 16.1             | 17.1 | 17.7 | 18.9 | 19.8 | 19.3      | 91.1   | 0.0      | 0.0     | 0.1           | 2.6  | ESE  |
| 09   | 27    | 12.4            | 14.6 | 10.9 | 15.9             | 16.7 | 17.4 | 18.7 | 19.7 | 19.3      | 91.7   | 0.0      | 0.0     | 0.2           | 2.8  | E    |
| 09   | 28    | 14.0            | 18.0 | 11.0 | 15.8             | 16.5 | 17.0 | 18.5 | 19.5 | 19.2      | 97.5   | 22.0     | 0.0     | 0.2           | 3.3  | SSE  |
| 09   | 29    | 18.0            | 24.3 | 15.1 | 17.2             | 17.2 | 17.4 | 18.2 | 19.4 | 19.2      | 91.6   | 0.0      | 0.9     | 0.2           | 3.4  | W    |
| 09   | 30    | 15.5            | 16.9 | 14.3 | 17.3             | 17.6 | 17.9 | 18.3 | 19.2 | 19.2      | 97.0   | 7.5      | 0.0     | 0.1           | 2.2  | W    |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 146.0    | 89.5    |               |      |      |
| 平均   | Mean  | 17.3            | 22.2 | 13.9 | 19.4             | 19.9 | 20.2 | 20.7 | 20.7 | 19.3      | 89.1   | 4.9      | 3.0     | 0.3           | 3.4  |      |
| 最大   | Max.  | 24.0            | 30.4 | 19.7 | 23.4             | 23.3 | 23.1 | 22.5 | 21.3 | 19.5      | 99.1   | 42.5     | 10.1    | 0.6           | 5.2  |      |
| 最低   | Min.  | 12.4            | 14.6 | 8.0  | 15.8             | 16.5 | 17.0 | 18.2 | 19.2 | 19.2      | 72.0   | 0.0      | 0.0     | 0.0           | 2.0  |      |

2002年 10月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 10   | 1     | 15.2            | 16.2 | 14.2 | 16.4             | 17.0 | 17.5 | 18.2 | 19.0 | 19.1      | 98.2   | 130.5    | 0.0     | 0.4           | 10.8 | WNW  |
| 10   | 2     | 18.1            | 25.9 | 12.8 | 16.8             | 16.7 | 16.9 | 17.7 | 18.6 | 19.2      | 84.4   | 0.0      | 9.5     | 0.6           | 4.3  | WSW  |
| 10   | 3     | 16.1            | 21.1 | 11.4 | 16.9             | 17.2 | 17.3 | 17.6 | 18.5 | 19.2      | 87.4   | 0.0      | 1.3     | 0.4           | 3.4  | NW   |
| 10   | 4     | 16.3            | 25.5 | 10.1 | 16.6             | 16.9 | 17.2 | 17.7 | 18.5 | 19.1      | 72.8   | 0.0      | 9.6     | 0.7           | 4.6  | WNW  |
| 10   | 5     | 16.8            | 24.7 | 11.4 | 16.8             | 17.0 | 17.2 | 17.7 | 18.4 | 19.0      | 76.4   | 0.0      | 8.8     | 0.6           | 3.7  | WSW  |
| 10   | 6     | 16.2            | 21.3 | 12.1 | 16.9             | 17.2 | 17.3 | 17.7 | 18.3 | 19.0      | 87.4   | 0.0      | 4.5     | 0.6           | 4.8  | ESE  |
| 10   | 7     | 17.3            | 21.9 | 14.1 | 17.1             | 17.3 | 17.4 | 17.7 | 18.2 | 18.9      | 93.8   | 21.0     | 0.9     | 0.3           | 3.7  | E    |
| 10   | 8     | 14.3            | 18.0 | 11.6 | 16.8             | 17.3 | 17.5 | 17.7 | 18.2 | 18.8      | 93.0   | 7.0      | 0.0     | 0.1           | 3.1  | E    |
| 10   | 9     | 13.3            | 16.8 | 11.4 | 16.1             | 16.7 | 17.1 | 17.7 | 18.2 | 18.7      | 91.9   | 0.5      | 0.4     | 0.2           | 3.5  | E    |
| 10   | 10    | 13.0            | 20.9 | 6.4  | 16.0             | 16.6 | 16.9 | 17.6 | 18.1 | 18.7      | 79.1   | 0.0      | 10.0    | 0.5           | 5.7  | SSW  |
| 10   | 11    | 9.9             | 17.7 | 3.5  | 14.5             | 15.6 | 16.2 | 17.4 | 18.1 | 18.6      | 79.9   | 0.0      | 9.5     | 0.5           | 3.7  | SSW  |
| 10   | 12    | 11.8            | 19.9 | 6.3  | 14.5             | 15.3 | 15.8 | 17.1 | 18.0 | 18.6      | 82.3   | 0.0      | 9.8     | 0.5           | 5.2  | S    |
| 10   | 13    | 12.3            | 21.6 | 5.1  | 14.2             | 15.0 | 15.5 | 16.9 | 18.0 | 18.5      | 73.9   | 0.0      | 10.0    | 0.6           | 3.3  | WSW  |
| 10   | 14    | 14.6            | 24.0 | 9.1  | 14.6             | 15.1 | 15.5 | 16.7 | 17.9 | 18.4      | 77.1   | 0.0      | 6.9     | 0.6           | 3.4  | W    |
| 10   | 15    | 16.7            | 25.3 | 10.3 | 15.2             | 15.4 | 15.7 | 16.6 | 17.7 | 18.4      | 68.7   | 2.5      | 8.5     | 1.5           | 10.2 | W    |
| 10   | 16    | 14.1            | 23.9 | 8.1  | 15.3             | 15.7 | 15.9 | 16.6 | 17.6 | 18.3      | 79.4   | 0.5      | 10.0    | 0.6           | 4.1  | SW   |
| 10   | 17    | 13.0            | 21.6 | 6.5  | 14.5             | 15.2 | 15.6 | 16.5 | 17.5 | 18.3      | 75.2   | 0.0      | 9.9     | 0.6           | 3.9  | WSW  |
| 10   | 18    | 14.1            | 20.6 | 9.8  | 14.9             | 15.2 | 15.5 | 16.4 | 17.5 | 18.2      | 86.2   | 0.0      | 5.6     | 0.5           | 4.6  | SW   |
| 10   | 19    | 14.7            | 19.7 | 11.1 | 15.1             | 15.4 | 15.7 | 16.4 | 17.4 | 18.2      | 87.9   | 5.5      | 0.6     | 0.3           | 3.5  | ESE  |
| 10   | 20    | 12.9            | 14.0 | 10.9 | 15.0             | 15.5 | 15.8 | 16.4 | 17.3 | 18.1      | 98.6   | 12.5     | 0.0     | 0.2           | 2.3  | E    |
| 10   | 21    | 11.4            | 12.4 | 9.7  | 14.0             | 14.9 | 15.4 | 16.3 | 17.2 | 18.1      | 98.8   | 27.0     | 0.0     | 0.1           | 3.7  | NE   |
| 10   | 22    | 11.1            | 16.6 | 7.2  | 13.8             | 14.4 | 15.0 | 16.1 | 17.1 | 18.0      | 91.0   | 0.0      | 4.6     | 0.3           | 3.1  | SSW  |
| 10   | 23    | 10.2            | 14.6 | 8.4  | 13.4             | 14.2 | 14.8 | 15.9 | 17.0 | 18.0      | 87.6   | 0.5      | 2.0     | 0.1           | 2.7  | SE   |
| 10   | 24    | 9.0             | 9.7  | 8.2  | 12.8             | 13.8 | 14.4 | 15.8 | 16.9 | 17.9      | 98.7   | 3.0      | 0.0     | 0.2           | 2.4  | ESE  |
| 10   | 25    | 10.1            | 17.5 | 5.9  | 13.0             | 13.6 | 14.2 | 15.6 | 16.8 | 17.8      | 88.6   | 0.0      | 7.0     | 0.4           | 3.5  | WSW  |
| 10   | 26    | 8.6             | 11.5 | 5.8  | 12.1             | 13.1 | 13.8 | 15.4 | 16.7 | 17.8      | 96.4   | 0.5      | 0.0     | 0.2           | 3.3  | S    |
| 10   | 27    | 10.0            | 17.5 | 4.6  | 12.5             | 13.2 | 13.7 | 15.1 | 16.6 | 17.7      | 77.6   | 0.0      | 9.7     | 0.7           | 4.0  | W    |
| 10   | 28    | 8.4             | 15.6 | 2.9  | 11.3             | 12.5 | 13.2 | 15.0 | 16.5 | 17.7      | 53.2   | 0.0      | 8.9     | 1.6           | 9.5  | W    |
| 10   | 29    | 7.6             | 16.0 | 1.8  | 10.7             | 11.9 | 12.7 | 14.7 | 16.4 | 17.6      | 53.8   | 0.0      | 9.6     | 1.6           | 11.5 | W    |
| 10   | 30    | 6.7             | 16.4 | 1.3  | 10.0             | 11.2 | 12.1 | 14.3 | 16.3 | 17.6      | 65.6   | 0.0      | 9.5     | 0.7           | 4.9  | SW   |
| 10   | 31    | 6.7             | 14.6 | 0.5  | 9.5              | 10.6 | 11.6 | 14.0 | 16.1 | 17.5      | 70.1   | 0.0      | 8.5     | 0.5           | 3.9  | S    |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 211.0    | 175.6   |               |      |      |
| 平均   | Mean  | 12.6            | 18.8 | 8.1  | 14.4             | 15.1 | 15.5 | 16.5 | 17.6 | 18.4      | 82.4   | 6.8      | 5.7     | 0.5           | 4.6  |      |
| 最大   | Max.  | 18.1            | 25.9 | 14.2 | 17.1             | 17.3 | 17.5 | 18.2 | 19.0 | 19.2      | 98.8   | 130.5    | 10.0    | 1.6           | 11.5 |      |
| 最低   | Min.  | 6.7             | 9.7  | 0.5  | 9.5              | 10.6 | 11.6 | 14.0 | 16.1 | 17.5      | 53.2   | 0.0      | 0.0     | 0.1           | 2.3  |      |

2002年 11月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |
| 11   | 1     | 7.2             | 10.3 | 4.2  | 9.8              | 10.7 | 11.5 | 13.6 | 16.0 | 17.5      | 90.6   | 0.0      | 0.1     | 0.3           | 3.4  | NW   |
| 11   | 2     | 6.4             | 13.4 | 0.8  | 9.6              | 10.6 | 11.4 | 13.4 | 15.8 | 17.4      | 63.4   | 0.0      | 8.0     | 0.9           | 6.5  | W    |
| 11   | 3     | 6.2             | 14.6 | 0.0  | 8.7              | 9.9  | 10.8 | 13.2 | 15.6 | 17.3      | 57.1   | 0.0      | 8.0     | 1.1           | 7.6  | W    |
| 11   | 4     | 5.4             | 13.3 | -0.8 | 8.5              | 9.6  | 10.5 | 12.9 | 15.4 | 17.3      | 51.9   | 0.0      | 8.1     | 1.3           | 9.7  | W    |
| 11   | 5     | 3.7             | 12.0 | -1.3 | 7.6              | 9.0  | 9.9  | 12.6 | 15.3 | 17.2      | 59.4   | 0.0      | 6.5     | 1.0           | 8.0  | W    |
| 11   | 6     | 4.0             | 13.2 | -0.9 | 7.2              | 8.5  | 9.4  | 12.2 | 15.1 | 17.1      | 62.1   | 0.0      | 7.9     | 0.8           | 6.1  | W    |
| 11   | 7     | 3.3             | 11.4 | -1.4 | 6.8              | 8.0  | 9.0  | 11.9 | 14.9 | 17.1      | 76.9   | 0.0      | 7.2     | 0.6           | 5.4  | WSW  |
| 11   | 8     | 8.3             | 18.1 | -0.2 | 7.3              | 8.1  | 8.9  | 11.5 | 14.7 | 17.0      | 66.3   | 0.0      | 5.5     | 0.9           | 9.7  | WNW  |
| 11   | 9     | 4.9             | 10.3 | -0.3 | 7.4              | 8.4  | 9.2  | 11.4 | 14.5 | 16.9      | 50.0   | 0.0      | 3.9     | 1.8           | 15.1 | W    |
| 11   | 10    | 4.5             | 13.3 | -1.0 | 6.9              | 7.8  | 8.7  | 11.2 | 14.3 | 16.8      | 63.6   | 0.0      | 8.7     | 0.8           | 5.9  | ESE  |
| 11   | 11    | 6.3             | 14.5 | 0.0  | 7.0              | 7.8  | 8.6  | 11.0 | 14.1 | 16.8      | 72.6   | 0.0      | 8.4     | 0.7           | 6.5  | WSW  |
| 11   | 12    | 12.6            | 18.6 | 7.0  | 8.5              | 8.6  | 9.0  | 10.8 | 13.9 | 16.7      | 56.6   | 0.0      | 2.6     | 1.5           | 11.3 | WNW  |
| 11   | 13    | 7.7             | 14.9 | 2.1  | 8.2              | 8.8  | 9.3  | 10.8 | 13.7 | 16.6      | 46.4   | 0.0      | 8.0     | 1.1           | 6.9  | WNW  |
| 11   | 14    | 5.1             | 13.7 | -1.2 | 7.1              | 8.1  | 8.8  | 10.8 | 13.6 | 16.5      | 49.4   | 0.0      | 8.4     | 1.0           | 9.5  | W    |
| 11   | 15    | 4.9             | 13.6 | -0.3 | 6.9              | 7.7  | 8.5  | 10.6 | 13.4 | 16.4      | 62.3   | 0.0      | 6.3     | 0.4           | 4.2  | SSE  |
| 11   | 16    | 4.0             | 7.3  | 0.9  | 6.8              | 7.7  | 8.4  | 10.4 | 13.3 | 16.3      | 85.2   | 0.0      | 1.9     | 0.3           | 4.3  | ESE  |
| 11   | 17    | 3.0             | 4.0  | 1.8  | 6.7              | 7.6  | 8.3  | 10.3 | 13.1 | 16.2      | 96.5   | 0.0      | 0.0     | 0.3           | 2.5  | E    |
| 11   | 18    | 7.2             | 16.5 | 0.2  | 7.3              | 7.8  | 8.3  | 10.2 | 13.0 | 16.1      | 64.7   | 0.0      | 7.8     | 0.9           | 8.1  | W    |
| 11   | 19    | 3.3             | 10.8 | -1.7 | 6.4              | 7.4  | 8.2  | 10.1 | 12.9 | 16.0      | 66.8   | 0.0      | 7.6     | 0.6           | 4.7  | SSW  |
| 11   | 20    | 3.8             | 12.3 | -1.1 | 5.9              | 6.9  | 7.6  | 9.9  | 12.8 | 15.9      | 77.6   | 0.0      | 6.7     | 0.5           | 3.6  | WSW  |
| 11   | 21    | 6.3             | 15.6 | 1.4  | 6.6              | 7.1  | 7.6  | 9.7  | 12.6 | 15.8      | 72.8   | 0.0      | 5.3     | 0.6           | 4.3  | ENE  |
| 11   | 22    | 2.7             | 5.9  | 1.4  | 6.2              | 7.1  | 7.7  | 9.6  | 12.5 | 15.7      | 80.0   | 0.0      | 1.5     | 0.3           | 4.6  | SE   |
| 11   | 23    | 4.2             | 10.7 | -1.4 | 6.3              | 7.0  | 7.6  | 9.5  | 12.4 | 15.6      | 81.9   | 0.0      | 6.0     | 0.3           | 3.5  | SSW  |
| 11   | 24    | 5.7             | 7.7  | 4.5  | 7.0              | 7.4  | 7.9  | 9.5  | 12.2 | 15.6      | 93.9   | 0.0      | 0.0     | 0.1           | 2.6  | ESE  |
| 11   | 25    | 6.7             | 8.9  | 4.4  | 7.5              | 7.8  | 8.2  | 9.5  | 12.1 | 15.4      | 98.2   | 20.0     | 0.0     | 0.2           | 3.0  | W    |
| 11   | 26    | 5.9             | 12.2 | 0.1  | 7.8              | 8.2  | 8.6  | 9.6  | 12.0 | 15.3      | 74.6   | 2.0      | 5.4     | 1.2           | 10.3 | WNW  |
| 11   | 27    | 3.1             | 8.5  | -2.0 | 6.0              | 7.1  | 7.9  | 9.6  | 11.9 | 15.3      | 59.9   | 0.0      | 2.7     | 1.2           | 10.4 | WNW  |
| 11   | 28    | 2.7             | 11.1 | -2.4 | 5.3              | 6.3  | 7.2  | 9.4  | 11.8 | 15.2      | 58.9   | 0.0      | 7.7     | 1.1           | 8.0  | W    |
| 11   | 29    | 2.5             | 10.6 | -2.6 | 4.7              | 5.7  | 6.7  | 9.1  | 11.8 | 15.1      | 65.9   | 0.0      | 7.4     | 0.7           | 3.9  | W    |
| 11   | 30    | 6.9             | 15.4 | 0.9  | 5.6              | 5.9  | 6.6  | 8.8  | 11.6 | 15.0      | 61.1   | 0.0      | 6.1     | 0.6           | 4.0  | ENE  |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 22.0     | 163.9   |               |      |      |
| 平均   | Mean  | 5.3             | 12.1 | 0.4  | 7.1              | 7.9  | 8.7  | 10.8 | 13.5 | 16.3      | 68.9   | 0.7      | 5.5     | 0.8           | 6.5  |      |
| 最大   | Max.  | 12.6            | 18.6 | 7.0  | 9.8              | 10.7 | 11.5 | 13.6 | 16.0 | 17.5      | 98.2   | 20.0     | 8.7     | 1.8           | 15.1 |      |
| 最低   | Min.  | 2.5             | 4.0  | -2.6 | 4.7              | 5.7  | 6.6  | 8.8  | 11.6 | 15.0      | 46.4   | 0.0      | 0.0     | 0.1           | 2.5  |      |

2002年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|------|-----------|--------|----------|---------|---------------|------|------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |      |           |        |          |         | Wind Velocity |      |      |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   |
|      |       | Mean            | Max. | Min. |                  |     |     |     |      |           |        |          |         | Mean          | Max. | Dir. |
| 12   | 1     | 4.1             | 5.4  | 3.5  | 5.8              | 6.4 | 7.0 | 8.6 | 11.5 | 14.9      | 92.9   |          | 0.0     | 0.2           | 2.5  | ESE  |
| 12   | 2     | 5.4             | 12.3 | 1.3  | 6.4              | 6.7 | 7.1 | 8.6 | 11.4 | 14.8      | 83.8   |          | 4.1     | 0.7           | 3.7  | WNW  |
| 12   | 3     | 3.9             | 7.0  | 1.7  | 6.3              | 6.8 | 7.3 | 8.7 | 11.2 | 14.7      | 88.8   |          | 0.0     | 0.4           | 3.7  | SE   |
| 12   | 4     | 4.5             | 6.9  | 2.7  | 6.1              | 6.7 | 7.3 | 8.7 | 11.1 | 14.6      | 97.4   |          | 0.0     | 0.4           | 3.4  | NW   |
| 12   | 5     | 8.4             | 14.8 | 5.0  | 6.8              | 6.9 | 7.4 | 8.7 | 11.0 | 14.5      | 89.0   |          | 3.4     | 0.5           | 3.4  | NW   |
| 12   | 6     | 5.9             | 11.4 | 1.5  | 7.1              | 7.4 | 7.7 | 8.7 | 10.9 | 14.5      | 73.4   |          | 4.1     | 0.5           | 4.3  | ESE  |
| 12   | 7     | 1.6             | 3.4  | 0.1  | 5.8              | 6.8 | 7.5 | 8.8 | 10.9 | 14.4      | 89.1   |          | 0.1     | 0.2           | 3.1  | SSE  |
| 12   | 8     | 0.9             | 1.8  | -0.7 | 5.3              | 6.2 | 7.0 | 8.7 | 10.8 | 14.3      | 99.7   |          | 0.0     | 0.2           | 2.8  | ESE  |
| 12   | 9     | -1.8            | -0.5 | -2.7 | 4.8              | 5.8 | 6.7 | 8.5 | 10.7 | 14.2      | 97.9   |          | 0.0     | 0.0           | 0.0  | —    |
| 12   | 10    | -1.7            | 4.0  | -4.9 | 4.5              | 5.4 | 6.4 | 8.3 | 10.7 | 14.1      | 92.8   |          | 3.3     | 0.1           | 2.9  | SSE  |
| 12   | 11    | -2.0            | 4.5  | -5.8 | 4.1              | 5.0 | 6.0 | 8.1 | 10.6 | 14.0      | 83.9   |          | 7.3     | 0.5           | 3.4  | SW   |
| 12   | 12    | -1.0            | 5.9  | -5.2 | 3.2              | 4.4 | 5.5 | 7.8 | 10.4 | 14.0      | 77.1   |          | 7.2     | 0.8           | 4.3  | WNW  |
| 12   | 13    | -0.9            | 5.4  | -5.7 | 2.8              | 4.0 | 5.0 | 7.5 | 10.3 | 13.9      | 70.8   |          | 4.5     | 0.8           | 5.7  | W    |
| 12   | 14    | -2.3            | 5.8  | -7.7 | 1.8              | 3.3 | 4.5 | 7.2 | 10.2 | 13.8      | 70.5   | 0.0      | 7.3     | 0.8           | 3.6  | WSW  |
| 12   | 15    | 1.4             | 10.5 | -4.5 | 1.9              | 2.9 | 4.1 | 6.9 | 10.0 | 13.7      | 68.2   | 0.0      | 7.2     | 0.8           | 3.7  | WNW  |
| 12   | 16    | 5.8             | 12.2 | 0.1  | 2.9              | 3.3 | 4.1 | 6.6 | 9.9  | 13.7      | 66.9   | 1.5      | 6.6     | 1.3           | 12.7 | WNW  |
| 12   | 17    | 4.5             | 10.2 | -1.2 | 4.3              | 4.4 | 4.8 | 6.5 | 9.7  | 13.6      | 67.8   | 4.5      | 6.2     | 1.4           | 9.6  | NW   |
| 12   | 18    | 1.6             | 8.7  | -2.3 | 2.8              | 3.8 | 4.6 | 6.5 | 9.5  | 13.5      | 70.7   | 0.0      | 4.2     | 0.4           | 4.6  | WSW  |
| 12   | 19    | 3.5             | 6.9  | 0.2  | 3.0              | 3.6 | 4.4 | 6.4 | 9.3  | 13.4      | 77.9   | 0.0      | 0.0     | 0.4           | 4.6  | NNW  |
| 12   | 20    | 2.3             | 7.6  | -1.5 | 3.8              | 4.1 | 4.7 | 6.3 | 9.2  | 13.3      | 77.1   | 0.0      | 4.5     | 0.4           | 3.7  | SSW  |
| 12   | 21    | -0.3            | 0.9  | -1.6 | 2.7              | 3.7 | 4.5 | 6.3 | 9.1  | 13.2      | 92.7   | 34.0     | 0.0     | 0.0           | 2.0  | WNW  |
| 12   | 22    | 0.7             | 2.1  | 0.2  | 2.8              | 3.5 | 4.3 | 6.2 | 9.0  | 13.1      | 97.6   | 2.0      | 0.0     | 0.1           | 2.7  | E    |
| 12   | 23    | 1.1             | 6.4  | -2.0 | 2.7              | 3.4 | 4.3 | 6.1 | 8.8  | 13.0      | 90.4   | 0.0      | 5.5     | 0.2           | 3.0  | S    |
| 12   | 24    | 0.4             | 4.0  | -1.3 | 2.6              | 3.3 | 4.1 | 6.0 | 8.7  | 12.9      | 94.9   | 0.0      | 0.2     | 0.2           | 3.7  | SE   |
| 12   | 25    | 1.5             | 8.4  | -1.6 | 2.5              | 3.2 | 4.0 | 5.9 | 8.6  | 12.8      | 87.1   | 0.5      | 3.5     | 0.7           | 8.0  | W    |
| 12   | 26    | -1.0            | 3.8  | -5.2 | 2.4              | 3.1 | 3.9 | 5.7 | 8.5  | 12.7      | 52.5   | 0.5      | 5.8     | 1.7           | 10.9 | W    |
| 12   | 27    | -2.5            | 3.8  | -7.6 | 1.8              | 2.9 | 3.7 | 5.6 | 8.4  | 12.6      | 58.8   | 0.0      | 6.9     | 1.4           | 9.7  | W    |
| 12   | 28    | -3.6            | 3.6  | -8.7 | 1.3              | 2.5 | 3.3 | 5.5 | 8.3  | 12.6      | 69.5   | 0.5      | 7.3     | 0.8           | 3.8  | WSW  |
| 12   | 29    | -0.3            | 7.6  | -5.0 | 1.2              | 2.2 | 3.1 | 5.3 | 8.2  | 12.5      | 65.7   | 0.0      | 7.1     | 0.9           | 4.9  | WSW  |
| 12   | 30    | -1.8            | 6.2  | -7.3 | 1.0              | 2.0 | 2.9 | 5.1 | 8.1  | 12.4      | 63.2   | 0.0      | 7.3     | 0.7           | 3.9  | WSW  |
| 12   | 31    | 0.1             | 6.3  | -4.6 | 0.8              | 1.9 | 2.7 | 5.0 | 7.9  | 12.3      | 71.5   | 0.0      | 7.3     | 0.7           | 4.2  | SSE  |
| 計    | Total |                 |      |      |                  |     |     |     |      |           |        |          | 120.9   |               |      |      |
| 平均   | Mean  | 1.2             | 6.4  | -2.3 | 3.6              | 4.4 | 5.2 | 7.0 | 9.8  | 13.6      | 80.0   |          | 3.9     | 0.6           | 4.6  |      |
| 最大   | Max.  | 8.4             | 14.8 | 5.0  | 7.1              | 7.4 | 7.7 | 8.8 | 11.5 | 14.9      | 99.7   |          | 7.3     | 1.7           | 12.7 |      |
| 最低   | Min.  | -3.6            | -0.5 | -8.7 | 0.8              | 1.9 | 2.7 | 5.0 | 7.9  | 12.3      | 52.5   |          | 0.0     | 0.0           | 0.0  |      |

代替機器観測日 (The date of observation by alternative hardwares)



2003年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -1.1            | 1.5        | -2.4       | 1.2              | 2.0 | 2.7 | 4.8 | 7.8 | 12.2         | 96.2   | 4.5         | 0.4     | 0.3           | 3.4        | ESE        | 5                 |
| 01   | 2     | -2.2            | 4.1        | -7.5       | 1.4              | 2.1 | 2.8 | 4.7 | 7.7 | 12.1         | 74.8   | 3.5         | 6.5     | 0.6           | 6.7        | W          | 15                |
| 01   | 3     | -5.7            | -3.4       | -8.3       | 1.3              | 2.1 | 2.8 | 4.7 | 7.6 | 12.0         | 89.2   | 0.5         | 0.0     | 0.5           | 4.4        | E          | -                 |
| 01   | 4     | 0.7             | 9.4        | -4.6       | 1.3              | 2.1 | 2.8 | 4.6 | 7.5 | 11.9         | 64.0   | 16.5        | 7.4     | 1.7           | 12.1       | WNW        | 20                |
| 01   | 5     | -3.2            | 1.1        | -6.7       | 1.5              | 2.2 | 2.9 | 4.6 | 7.4 | 11.8         | 53.8   | 0.0         | 2.9     | 1.6           | 10.7       | W          | -                 |
| 01   | 6     | -3.6            | 4.5        | -9.2       | 1.5              | 2.2 | 2.9 | 4.6 | 7.3 | 11.7         | 56.4   | 1.0         | 7.5     | 0.9           | 5.9        | WSW        | -                 |
| 01   | 7     | -2.8            | 5.3        | -8.3       | 1.4              | 2.1 | 2.9 | 4.6 | 7.2 | 11.6         | 58.5   | 0.5         | 7.5     | 0.7           | 4.0        | WSW        | -                 |
| 01   | 8     | -1.9            | 6.2        | -6.9       | 1.3              | 2.1 | 2.8 | 4.5 | 7.1 | 11.5         | 64.3   | 0.0         | 7.5     | 1.0           | 4.1        | W          | -                 |
| 01   | 9     | -2.0            | 6.0        | -7.3       | 1.2              | 2.0 | 2.8 | 4.5 | 7.1 | 11.4         | 70.6   | 0.0         | 7.5     | 0.8           | 4.0        | WSW        | -                 |
| 01   | 10    | 1.0             | 10.0       | -4.3       | 1.2              | 2.0 | 2.7 | 4.4 | 7.0 | 11.3         | 65.0   | 0.0         | 7.5     | 0.7           | 4.3        | WSW        | -                 |
| 01   | 11    | 1.1             | 9.3        | -3.7       | 1.4              | 2.1 | 2.7 | 4.4 | 6.9 | 11.3         | 65.9   | 0.0         | 7.6     | 0.7           | 4.6        | WSW        | -                 |
| 01   | 12    | 0.7             | 9.7        | -4.4       | 1.4              | 2.1 | 2.7 | 4.3 | 6.8 | 11.2         | 64.4   | 0.0         | 7.6     | 0.7           | 4.1        | SW         | -                 |
| 01   | 13    | 0.8             | 8.7        | -4.7       | 1.3              | 2.0 | 2.7 | 4.3 | 6.8 | 11.1         | 73.3   | 0.0         | 6.4     | 0.6           | 3.8        | WSW        | -                 |
| 01   | 14    | 3.3             | 12.2       | -2.3       | 1.2              | 1.9 | 2.6 | 4.2 | 6.7 | 11.0         | 54.8   | 0.0         | 6.9     | 1.5           | 10.6       | W          | -                 |
| 01   | 15    | -2.6            | 1.7        | -7.6       | 1.3              | 1.9 | 2.6 | 4.2 | 6.6 | 10.9         | 46.1   | 0.0         | 5.3     | 1.4           | 9.4        | WSW        | 0.5               |
| 01   | 16    | -3.9            | 3.9        | -9.6       | 0.6              | 1.6 | 2.4 | 4.1 | 6.6 | 10.8         | 53.2   | 0.0         | 7.7     | 0.8           | 3.8        | WSW        | -                 |
| 01   | 17    | 2.0             | 11.3       | -4.7       | 0.3              | 1.3 | 2.1 | 4.0 | 6.5 | 10.7         | 55.1   | 0.0         | 7.7     | 0.9           | 4.5        | WNW        | -                 |
| 01   | 18    | 1.0             | 7.0        | -2.5       | 0.4              | 1.2 | 2.0 | 3.9 | 6.4 | 10.7         | 71.2   | 0.0         | 2.8     | 0.4           | 4.2        | WNW        | -                 |
| 01   | 19    | -0.4            | 3.7        | -3.8       | 0.4              | 1.2 | 2.0 | 3.8 | 6.3 | 10.6         | 83.6   | 2.5         | 2.0     | 0.4           | 3.7        | SE         | -                 |
| 01   | 20    | 0.3             | 5.3        | -2.3       | 0.6              | 1.3 | 2.0 | 3.7 | 6.3 | 10.5         | 93.3   | 4.5         | 3.2     | 0.2           | 4.0        | S          | 13                |
| 01   | 21    | -1.8            | 3.5        | -6.9       | 0.8              | 1.4 | 2.0 | 3.7 | 6.2 | 10.4         | 81.4   | 2.5         | 2.3     | 0.6           | 6.0        | W          | 8                 |
| 01   | 22    | -2.8            | 4.7        | -8.7       | 0.8              | 1.4 | 2.1 | 3.6 | 6.1 | 10.3         | 65.1   | 1.5         | 5.9     | 0.8           | 3.6        | WSW        | -                 |
| 01   | 23    | -3.0            | 0.8        | -5.4       | 0.7              | 1.4 | 2.1 | 3.6 | 6.0 | 10.2         | 90.5   | 0.0         | 0.0     | 0.5           | 6.1        | WNW        | 21                |
| 01   | 24    | -1.2            | 3.9        | -4.4       | 0.7              | 1.4 | 2.1 | 3.6 | 6.0 | 10.2         | 67.4   | 13.0        | 4.0     | 1.6           | 7.7        | WNW        | 3                 |
| 01   | 25    | -1.0            | 5.4        | -4.8       | 0.8              | 1.4 | 2.1 | 3.6 | 5.9 | 10.1         | 47.6   | 1.5         | 8.1     | 1.9           | 10.0       | W          | -                 |
| 01   | 26    | -1.3            | 6.3        | -7.2       | 0.9              | 1.4 | 2.1 | 3.5 | 5.8 | 10.0         | 65.9   | 1.5         | 6.9     | 0.7           | 4.2        | SSW        | -                 |
| 01   | 27    | -1.1            | 0.4        | -2.6       | 0.7              | 1.4 | 2.0 | 3.4 | 5.8 | 9.9          | 97.8   | 26.5        | 0.0     | 0.3           | 3.4        | ESE        | 4                 |
| 01   | 28    | 3.1             | 8.9        | -1.9       | 0.5              | 1.0 | 1.4 | 2.9 | 5.4 | 9.9          | 56.0   | 4.0         | 8.4     | 1.8           | 8.9        | WNW        | -                 |
| 01   | 29    | -3.6            | -0.3       | -7.2       | 0.7              | 1.2 | 1.7 | 2.9 | 5.3 | 9.8          | 32.8   | 1.5         | 1.2     | 2.9           | 13.9       | W          | -                 |
| 01   | 30    | -1.7            | 4.9        | -6.9       | 0.3              | 1.0 | 1.7 | 3.0 | 5.3 | 9.7          | 37.3   | 1.0         | 8.5     | 2.7           | 13.9       | W          | -                 |
| 01   | 31    | -1.0            | 8.3        | -6.8       | 0.2              | 0.9 | 1.6 | 3.1 | 5.3 | 9.6          | 53.0   | 1.0         | 8.4     | 0.9           | 7.3        | WSW        | -                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 87.5        | 165.7   |               |            |            |                   |
| 平均   | Mean  | -1.1            | 5.3        | -5.6       | 0.9              | 1.6 | 2.3 | 4.0 | 6.5 | 10.8         | 66.1   | 2.8         | 5.3     | 1.0           | 6.3        |            | 9.9               |
| 最大   | Max.  | 3.3             | 12.2       | -1.9       | 1.5              | 2.2 | 2.9 | 4.8 | 7.8 | 12.2         | 97.8   | 26.5        | 8.5     | 2.9           | 13.9       |            | 21.0              |
| 最低   | Min.  | -5.7            | -3.4       | -9.6       | 0.2              | 0.9 | 1.4 | 2.9 | 5.3 | 9.6          | 32.8   | 0.0         | 0.0     | 0.2           | 3.4        |            | 0.5               |

2003年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 02   | 1     | -2.1            | 5.9  | -7.3 | 0.2              | 0.9 | 1.5 | 3.0 | 5.2 | 9.5       | 59.2   | 0.5      | 8.7     | 0.9           | 6.2  | S    | -              |
| 02   | 2     | -3.2            | 1.7  | -8.0 | 0.2              | 0.9 | 1.5 | 3.0 | 5.2 | 9.4       | 63.9   | 1.0      | 4.6     | 0.9           | 4.1  | SW   | -              |
| 02   | 3     | -1.6            | 6.6  | -6.9 | 0.1              | 0.8 | 1.5 | 3.0 | 5.2 | 9.4       | 62.6   | 0.5      | 7.0     | 0.9           | 3.7  | WSW  | -              |
| 02   | 4     | -2.6            | 3.0  | -7.5 | 0.1              | 0.8 | 1.4 | 2.9 | 5.1 | 9.3       | 71.9   | 36.0     | 3.3     | 0.7           | 4.4  | WSW  | -              |
| 02   | 5     | -0.9            | 5.5  | -4.2 | 0.1              | 0.7 | 1.4 | 2.9 | 5.1 | 9.2       | 80.9   | 1.5      | 3.4     | 0.3           | 3.1  | S    | 2              |
| 02   | 6     | -1.2            | 6.9  | -6.4 | 0.1              | 0.7 | 1.4 | 2.8 | 5.0 | 9.1       | 54.4   | 0.0      | 8.9     | 0.9           | 8.4  | WSW  | -              |
| 02   | 7     | -0.4            | 9.7  | -7.4 | 0.0              | 0.7 | 1.3 | 2.8 | 5.0 | 9.1       | 60.1   | 0.5      | 9.0     | 0.8           | 4.0  | WSW  | -              |
| 02   | 8     | 1.8             | 10.2 | -3.0 | 0.0              | 0.6 | 1.3 | 2.7 | 4.9 | 9.0       | 59.1   | 0.5      | 5.7     | 0.5           | 3.7  | WSW  | -              |
| 02   | 9     | 4.2             | 13.3 | -0.7 | -0.1             | 0.5 | 1.1 | 2.6 | 4.9 | 8.9       | 87.0   | 15.5     | 8.9     | 0.3           | 3.2  | NW   | 10             |
| 02   | 10    | 4.4             | 11.9 | 0.9  | -0.1             | 0.4 | 1.0 | 2.4 | 4.7 | 8.9       | 84.8   | 0.0      | 4.3     | 0.4           | 4.4  | S    | -              |
| 02   | 11    | 3.3             | 5.3  | 2.2  | 0.0              | 0.6 | 1.1 | 2.4 | 4.5 | 8.8       | 96.4   | 1.0      | 0.0     | 0.2           | 2.7  | S    | -              |
| 02   | 12    | 1.0             | 7.5  | -4.6 | 0.5              | 0.9 | 1.3 | 2.4 | 4.4 | 8.7       | 74.7   | 0.5      | 6.6     | 0.7           | 5.3  | ESE  | -              |
| 02   | 13    | -0.9            | 6.5  | -5.9 | 0.7              | 1.1 | 1.4 | 2.4 | 4.4 | 8.5       | 72.6   | 0.5      | 9.3     | 0.7           | 5.3  | SSW  | -              |
| 02   | 14    | 0.9             | 10.6 | -5.0 | 1.1              | 1.3 | 1.5 | 2.5 | 4.3 | 8.4       | 59.7   | 0.0      | 9.6     | 1.1           | 9.1  | WSW  | -              |
| 02   | 15    | 0.4             | 8.8  | -6.1 | 1.3              | 1.5 | 1.6 | 2.5 | 4.3 | 8.3       | 62.9   | 0.0      | 9.7     | 0.7           | 4.6  | SSW  | -              |
| 02   | 16    | -0.3            | 3.0  | -2.1 | 0.7              | 1.4 | 1.7 | 2.5 | 4.3 | 8.2       | 86.8   | 2.0      | 0.0     | 0.1           | 3.1  | WSW  | -              |
| 02   | 17    | 1.2             | 11.2 | -4.5 | 1.9              | 1.7 | 1.7 | 2.5 | 4.2 | 8.2       | 67.5   | 1.0      | 9.7     | 0.5           | 4.8  | SW   | 2              |
| 02   | 18    | -0.8            | 3.3  | -4.3 | 0.9              | 1.6 | 1.9 | 2.6 | 4.2 | 8.1       | 78.1   | 0.0      | 2.2     | 0.5           | 5.0  | SE   | 0              |
| 02   | 19    | 0.3             | 6.2  | -2.1 | 2.0              | 1.9 | 1.9 | 2.6 | 4.2 | 8.0       | 85.2   | 0.0      | 2.7     | 0.4           | 4.6  | SSE  | -              |
| 02   | 20    | 0.1             | 5.1  | -2.3 | 2.1              | 2.2 | 2.3 | 2.7 | 4.2 | 8.0       | 83.3   | 0.5      | 0.5     | 0.5           | 7.8  | SE   | 1              |
| 02   | 21    | 1.4             | 10.7 | -4.2 | 2.6              | 2.5 | 2.5 | 2.8 | 4.2 | 7.9       | 49.8   | 1.0      | 9.8     | 0.9           | 5.4  | SSE  | -              |
| 02   | 22    | 0.7             | 7.0  | -4.2 | 2.5              | 2.7 | 2.7 | 3.0 | 4.2 | 7.9       | 76.4   | 0.0      | 3.4     | 0.4           | 4.1  | SE   | -              |
| 02   | 23    | 1.5             | 4.4  | -0.5 | 2.7              | 2.9 | 2.9 | 3.1 | 4.2 | 7.8       | 92.2   | 0.0      | 0.0     | 0.1           | 2.4  | SE   | -              |
| 02   | 24    | -1.4            | -0.2 | -2.3 | 2.0              | 2.6 | 2.9 | 3.2 | 4.3 | 7.8       | 98.3   | 4.5      | 0.0     | 0.3           | 2.9  | ESE  | 6              |
| 02   | 25    | -0.1            | 7.8  | -5.0 | 2.8              | 2.7 | 2.8 | 3.3 | 4.3 | 7.8       | 76.6   | 1.0      | 7.3     | 0.7           | 6.0  | WSW  | -              |
| 02   | 26    | 1.8             | 10.5 | -4.9 | 3.2              | 3.1 | 3.1 | 3.3 | 4.3 | 7.7       | 70.2   | 0.5      | 8.6     | 0.7           | 4.3  | S    | -              |
| 02   | 27    | 3.0             | 9.9  | -3.7 | 4.2              | 3.9 | 3.6 | 3.5 | 4.4 | 7.7       | 51.3   | 0.0      | 10.1    | 1.3           | 7.9  | SW   | -              |
| 02   | 28    | 0.7             | 10.7 | -6.8 | 3.6              | 3.8 | 3.7 | 3.7 | 4.4 | 7.7       | 43.1   | 0.0      | 10.0    | 0.9           | 4.7  | SW   | -              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 68.5     | 163.3   |               |      |      |                |
| 平均   | Mean  | 0.4             | 7.2  | -4.2 | 1.3              | 1.6 | 1.9 | 2.8 | 4.6 | 8.5       | 71.7   | 2.4      | 5.8     | 0.6           | 4.8  |      | 3.5            |
| 最大   | Max.  | 4.4             | 13.3 | 2.2  | 4.2              | 3.9 | 3.7 | 3.7 | 5.2 | 9.5       | 98.3   | 36.0     | 10.1    | 1.3           | 9.1  |      | 10.0           |
| 最低   | Min.  | -3.2            | -0.2 | -8.0 | -0.1             | 0.4 | 1.0 | 2.4 | 4.2 | 7.7       | 43.1   | 0.0      | 0.0     | 0.1           | 2.4  |      | 0.0            |

2003年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 03   | 1     | -0.3            | 4.1  | -3.3 | 1.9              | 3.0 | 3.4 | 3.8 | 4.5 | 7.7       | 75.4   | 46.0     | 0.0     | 0.4           | 4.0  | ESE  | -              |
| 03   | 2     | 4.8             | 12.0 | -0.3 | 3.5              | 3.1 | 3.1 | 3.6 | 4.4 | 7.6       | 57.5   | 4.5      | 9.2     | 2.0           | 15.9 | W    | -              |
| 03   | 3     | 3.5             | 12.2 | -1.4 | 3.4              | 3.5 | 3.5 | 3.5 | 4.4 | 7.5       | 75.0   | 7.5      | 2.8     | 1.9           | 14.5 | WNW  | -              |
| 03   | 4     | -1.8            | 2.7  | -5.8 | 3.2              | 3.5 | 3.6 | 3.6 | 4.4 | 7.4       | 48.9   | 0.0      | 7.3     | 2.0           | 9.5  | WNW  | 1              |
| 03   | 5     | -1.5            | 7.9  | -8.0 | 2.4              | 3.0 | 3.2 | 3.7 | 4.4 | 7.4       | 49.8   | 1.5      | 7.2     | 0.8           | 5.8  | S    | -              |
| 03   | 6     | -0.3            | 5.3  | -4.9 | 2.2              | 2.7 | 3.0 | 3.7 | 4.5 | 7.4       | 72.8   | 0.5      | 2.8     | 0.6           | 4.9  | SE   | -              |
| 03   | 7     | 0.2             | 2.5  | -1.8 | 2.1              | 2.7 | 3.0 | 3.6 | 4.5 | 7.4       | 96.5   | 32.0     | 0.0     | 0.4           | 7.2  | NW   | 25             |
| 03   | 8     | 3.0             | 9.5  | -0.2 | 1.7              | 2.3 | 2.8 | 3.6 | 4.5 | 7.3       | 61.8   | 5.5      | 6.8     | 1.6           | 9.7  | WNW  | -              |
| 03   | 9     | 0.5             | 5.6  | -3.6 | 1.6              | 2.1 | 2.5 | 3.5 | 4.5 | 7.3       | 49.1   | 0.0      | 9.4     | 1.9           | 10.6 | W    | -              |
| 03   | 10    | -1.1            | 5.6  | -5.9 | 1.7              | 2.0 | 2.4 | 3.3 | 4.5 | 7.3       | 51.7   | 0.5      | 8.8     | 1.7           | 8.5  | W    | -              |
| 03   | 11    | -1.4            | 5.6  | -6.2 | 1.9              | 2.1 | 2.4 | 3.2 | 4.5 | 7.3       | 48.7   | 0.0      | 8.6     | 1.3           | 11.2 | WSW  | -              |
| 03   | 12    | -0.6            | 9.4  | -7.5 | 2.4              | 2.4 | 2.5 | 3.1 | 4.4 | 7.3       | 53.9   | 0.5      | 10.0    | 0.8           | 6.7  | S    | -              |
| 03   | 13    | -0.3            | 8.7  | -6.8 | 2.6              | 2.7 | 2.7 | 3.2 | 4.4 | 7.2       | 60.3   | 0.0      | 7.8     | 0.7           | 4.6  | SE   | -              |
| 03   | 14    | 1.2             | 9.9  | -4.5 | 3.1              | 3.0 | 2.9 | 3.2 | 4.3 | 7.2       | 56.8   | 0.0      | 8.6     | 0.7           | 5.2  | S    | -              |
| 03   | 15    | 0.6             | 3.3  | -1.1 | 2.7              | 3.0 | 3.1 | 3.4 | 4.3 | 7.2       | 89.6   | 0.0      | 0.0     | 0.1           | 2.2  | W    | 0              |
| 03   | 16    | 2.6             | 11.3 | -2.7 | 3.8              | 3.4 | 3.3 | 3.4 | 4.3 | 7.2       | 86.1   | 7.5      | 6.5     | 0.5           | 4.7  | SSE  | -              |
| 03   | 17    | 0.9             | 3.3  | -1.5 | 3.4              | 3.7 | 3.7 | 3.6 | 4.3 | 7.2       | 98.6   | 2.5      | 0.0     | 0.3           | 3.3  | E    | -              |
| 03   | 18    | 1.0             | 7.6  | -2.8 | 3.5              | 3.5 | 3.6 | 3.7 | 4.4 | 7.1       | 87.9   | 2.5      | 4.3     | 0.5           | 4.7  | SE   | -              |
| 03   | 19    | 1.7             | 9.9  | -2.1 | 4.7              | 4.3 | 4.1 | 3.8 | 4.4 | 7.1       | 74.0   | 1.5      | 4.5     | 0.5           | 5.6  | S    | 6              |
| 03   | 20    | 1.5             | 10.3 | -4.0 | 4.7              | 4.5 | 4.3 | 4.0 | 4.4 | 7.1       | 56.2   | 0.0      | 9.9     | 1.3           | 7.3  | WSW  | -              |
| 03   | 21    | 1.7             | 11.2 | -5.3 | 4.8              | 4.7 | 4.5 | 4.2 | 4.5 | 7.1       | 59.0   | 0.0      | 10.0    | 0.8           | 5.3  | SSW  | -              |
| 03   | 22    | 0.0             | 3.0  | -3.0 | 3.3              | 4.1 | 4.3 | 4.3 | 4.6 | 7.1       | 78.0   | 0.5      | 0.0     | 0.3           | 3.4  | SE   | -              |
| 03   | 23    | 4.6             | 14.5 | -2.7 | 4.9              | 4.3 | 4.2 | 4.3 | 4.6 | 7.1       | 72.4   | 0.0      | 7.5     | 0.7           | 5.5  | SSW  | -              |
| 03   | 24    | 7.7             | 16.5 | 1.2  | 6.7              | 5.8 | 5.2 | 4.5 | 4.7 | 7.1       | 68.9   | 0.5      | 7.6     | 0.8           |      | SW   | -              |
| 03   | 25    | 5.2             | 7.2  | 3.7  | 6.1              | 6.2 | 5.8 | 4.8 | 4.7 | 7.0       | 93.4   | 8.0      | 0.0     | 0.4           | 3.8  | W    | -              |
| 03   | 26    | 7.2             | 16.7 | 0.5  | 7.4              | 6.5 | 6.0 | 5.1 | 4.8 | 7.0       | 68.8   | 0.0      | 9.6     | 0.8           | 7.2  | WSW  | -              |
| 03   | 27    | 9.0             | 18.7 | 0.5  | 8.1              | 7.3 | 6.6 | 5.4 | 4.9 | 7.0       | 66.4   | 0.5      | 6.8     | 1.4           | 9.4  | WSW  | -              |
| 03   | 28    | 8.2             | 16.0 | 3.5  | 8.7              | 8.0 | 7.3 | 5.8 | 5.0 | 7.0       | 49.5   | 0.0      | 9.4     | 1.1           | 7.2  | SE   | -              |
| 03   | 29    | 4.6             | 12.8 | -2.1 | 7.5              | 7.7 | 7.4 | 6.1 | 5.2 | 7.0       | 58.7   | 0.0      | 1.5     | 0.7           | 7.9  | SSE  | -              |
| 03   | 30    | 4.3             | 12.8 | -2.9 | 6.8              | 6.8 | 6.8 | 6.3 | 5.3 | 7.0       | 60.6   | 0.0      | 5.9     | 0.7           | 5.3  | S    | -              |
| 03   | 31    | 8.4             | 18.5 | 1.1  | 7.8              | 7.3 | 7.0 | 6.3 | 5.5 | 7.0       | 65.5   | 0.0      | 5.7     | 0.8           | 4.9  | W    | -              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 122.0    | 178.6   |               |      |      |                |
| 平均   | Mean  | 2.4             | 9.5  | -2.6 | 4.1              | 4.2 | 4.1 | 4.1 | 4.6 | 7.2       | 67.5   | 3.9      | 5.8     | 0.9           | 6.9  |      | 8.0            |
| 最大   | Max.  | 9.0             | 18.7 | 3.7  | 8.7              | 8.0 | 7.4 | 6.3 | 5.5 | 7.7       | 98.6   | 46.0     | 10.0    | 2.0           | 15.9 |      | 25.0           |
| 最低   | Min.  | -1.8            | 2.5  | -8.0 | 1.6              | 2.0 | 2.4 | 3.1 | 4.3 | 7.0       | 48.7   | 0.0      | 0.0     | 0.1           | 2.2  |      | 0.0            |

2003年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|------|------|------|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |      |      |      |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 04   | 1     | 9.0             | 17.7 | 2.9  | 8.7              | 8.0  | 7.5  | 6.4  | 5.6 | 7.0       | 60.9   | 0.0      | 7.8     | 0.9           | 5.6  | ESE  | -              |
| 04   | 2     | 4.7             | 6.3  | 2.9  | 7.6              | 7.9  | 7.7  | 6.7  | 5.7 | 7.0       | 95.2   | 3.5      | 0.0     | 0.1           | 2.2  | ESE  | -              |
| 04   | 3     | 5.7             | 12.6 | 0.4  | 8.1              | 7.9  | 7.6  | 6.8  | 5.9 | 7.0       | 82.8   | 1.0      | 5.3     | 0.5           | 4.4  | ESE  | -              |
| 04   | 4     | 4.4             | 11.8 | -1.2 | 7.8              | 7.8  | 7.6  | 6.9  | 6.0 | 7.0       | 78.8   | 3.5      | 5.0     | 0.7           | 4.5  | SSE  | -              |
| 04   | 5     | 0.8             | 2.1  | 0.2  | 5.5              | 6.8  | 7.3  | 7.0  | 6.1 | 7.1       | 98.3   | 46.0     | 0.0     | 0.2           | 3.4  | WNW  | 20             |
| 04   | 6     | 4.1             | 9.9  | 0.6  | 3.8              | 4.9  | 5.9  | 6.8  | 6.2 | 7.1       | 64.8   | 0.0      | 9.9     | 1.3           | 10.0 | NW   | -              |
| 04   | 7     | 6.7             | 16.8 | -0.2 | 5.0              | 4.9  | 5.2  | 6.3  | 6.3 | 7.1       | 61.8   | 0.0      | 8.8     | 0.8           | 4.8  | W    | -              |
| 04   | 8     | 8.6             | 15.0 | 4.9  | 6.3              | 6.1  | 5.9  | 6.0  | 6.3 | 7.1       | 82.6   | 27.0     | 0.6     | 1.8           | 18.4 | NW   | -              |
| 04   | 9     | 8.0             | 18.0 | 0.8  | 8.0              | 7.3  | 6.8  | 6.1  | 6.2 | 7.1       | 72.1   | 0.0      | 5.3     | 0.9           | 9.6  | ENE  | -              |
| 04   | 10    | 4.7             | 13.6 | -2.2 | 7.6              | 7.4  | 7.1  | 6.4  | 6.2 | 7.1       | 56.1   | 0.0      | 9.9     | 0.8           | 4.9  | SE   | -              |
| 04   | 11    | 7.2             | 15.2 | -1.4 | 8.1              | 7.6  | 7.3  | 6.6  | 6.3 | 7.2       | 62.1   | 0.0      | 6.0     | 1.3           | 8.7  | SW   | -              |
| 04   | 12    | 10.5            | 16.7 | 5.0  | 8.8              | 8.4  | 8.0  | 6.9  | 6.3 | 7.2       | 83.0   | 5.5      | 1.9     | 1.1           | 10.8 | NW   | -              |
| 04   | 13    | 12.9            | 21.9 | 6.7  | 11.1             | 9.7  | 8.7  | 7.2  | 6.4 | 7.2       | 75.6   | 0.0      | 8.2     | 0.8           | 5.8  | E    | -              |
| 04   | 14    | 8.9             | 14.9 | 5.2  | 10.3             | 10.1 | 9.5  | 7.7  | 6.5 | 7.3       | 82.4   | 4.0      | 2.0     | 0.6           | 4.0  | ESE  | -              |
| 04   | 15    | 6.2             | 7.5  | 5.3  | 9.0              | 9.3  | 9.2  | 8.1  | 6.6 | 7.3       | 97.9   | 9.5      | 0.0     | 0.1           | 2.5  | SE   | -              |
| 04   | 16    | 11.3            | 19.7 | 5.1  | 11.2             | 10.1 | 9.4  | 8.2  | 6.8 | 7.3       | 80.9   | 0.5      | 9.5     | 0.7           | 4.6  | SE   | -              |
| 04   | 17    | 14.3            | 25.0 | 4.8  | 12.3             | 11.3 | 10.4 | 8.5  | 6.9 | 7.3       | 64.9   | 0.0      | 10.1    | 0.7           | 5.5  | SSE  | -              |
| 04   | 18    | 16.9            | 26.8 | 9.5  | 13.5             | 12.3 | 11.2 | 8.9  | 7.1 | 7.4       | 53.5   | 0.0      | 7.2     | 0.7           | 4.9  | ESE  | -              |
| 04   | 19    | 15.9            | 22.6 | 10.5 | 13.1             | 12.6 | 11.8 | 9.5  | 7.3 | 7.4       | 69.9   | 0.0      | 0.6     | 0.4           | 7.8  | NW   | -              |
| 04   | 20    | 11.9            | 14.3 | 9.3  | 12.2             | 12.2 | 11.7 | 9.9  | 7.5 | 7.4       | 93.3   | 6.5      | 0.0     | 0.4           | 3.9  | ESE  | -              |
| 04   | 21    | 9.8             | 17.5 | 3.7  | 11.9             | 11.9 | 11.5 | 10.0 | 7.7 | 7.5       | 77.4   | 0.5      | 2.9     | 1.1           | 9.0  | WSW  | -              |
| 04   | 22    | 9.3             | 17.4 | 2.1  | 11.5             | 11.3 | 11.1 | 10.1 | 7.9 | 7.5       | 51.2   | 0.0      | 10.2    | 1.0           | 6.5  | SSE  | -              |
| 04   | 23    | 10.3            | 16.3 | 5.4  | 11.7             | 11.6 | 11.3 | 10.2 | 8.1 | 7.6       | 76.6   | 0.0      | 1.0     | 0.8           | 9.1  | S    | -              |
| 04   | 24    | 13.8            | 19.7 | 8.9  | 12.4             | 12.0 | 11.5 | 10.3 | 8.3 | 7.6       | 81.3   | 0.0      | 1.3     | 0.4           | 4.4  | E    | -              |
| 04   | 25    | 11.4            | 12.7 | 9.9  | 12.0             | 12.0 | 11.7 | 10.4 | 8.4 | 7.7       | 97.6   | 5.5      | 0.0     | 0.3           | 4.5  | ESE  | -              |
| 04   | 26    | 15.9            | 25.1 | 9.9  | 14.1             | 12.9 | 12.1 | 10.6 | 8.6 | 7.8       | 84.9   | 8.0      | 2.7     | 0.8           | 5.4  | ESE  | -              |
| 04   | 27    | 12.9            | 20.4 | 8.2  | 14.5             | 14.0 | 13.1 | 10.9 | 8.7 | 7.8       | 72.6   | 1.0      | 5.9     | 0.7           | 5.0  | E    | -              |
| 04   | 28    | 12.9            | 21.3 | 5.5  | 13.7             | 13.5 | 13.0 | 11.3 | 8.9 | 7.9       | 70.4   | 0.0      | 5.6     | 0.6           | 4.9  | ESE  | -              |
| 04   | 29    | 15.9            | 24.5 | 8.2  | 14.3             | 13.8 | 13.1 | 11.4 | 9.1 | 8.0       | 57.3   | 0.0      | 9.4     | 2.1           | 11.9 | W    | -              |
| 04   | 30    | 14.2            | 19.1 | 7.5  | 14.0             | 13.9 | 13.4 | 11.7 | 9.2 | 8.1       | 78.6   | 5.5      | 0.2     | 1.8           | 12.7 | WNW  | -              |
| 計    | Total |                 |      |      |                  |      |      |      |     |           |        | 127.5    | 137.4   |               |      |      |                |
| 平均   | Mean  | 10.0            | 16.7 | 4.6  | 10.3             | 10.0 | 9.6  | 8.5  | 7.1 | 7.4       | 75.5   | 4.3      | 4.6     | 0.8           | 6.6  |      | 20.0           |
| 最大   | Max.  | 16.9            | 26.8 | 10.5 | 14.5             | 14.0 | 13.4 | 11.7 | 9.2 | 8.1       | 98.3   | 46.0     | 10.2    | 2.1           | 18.4 |      | 20.0           |
| 最低   | Min.  | 0.8             | 2.1  | -2.2 | 3.8              | 4.9  | 5.2  | 6.0  | 5.6 | 7.0       | 51.2   | 0.0      | 0.0     | 0.1           | 2.2  |      | 20.0           |

2003年 05月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |                |
| 05   | 1     | 10.3            | 18.0 | 3.9  | 12.9             | 13.2 | 13.0 | 11.8 | 9.4  | 8.2       | 44.1   | 0.0      | 10.7    | 1.0           | 7.0  | ENE  | -              |
| 05   | 2     | 12.7            | 21.6 | 3.4  | 13.2             | 13.0 | 12.7 | 11.8 | 9.6  | 8.2       | 64.5   | 0.0      | 9.3     | 0.7           | 6.0  | SE   | -              |
| 05   | 3     | 16.4            | 25.3 | 8.2  | 14.8             | 14.1 | 13.3 | 11.8 | 9.7  | 8.3       | 69.0   | 0.0      | 9.0     | 0.7           | 5.5  | SE   | -              |
| 05   | 4     | 17.7            | 25.9 | 10.7 | 15.4             | 14.8 | 13.9 | 12.1 | 9.9  | 8.4       | 68.3   | 0.0      | 4.9     | 0.7           | 5.6  | ESE  | -              |
| 05   | 5     | 16.1            | 22.3 | 12.3 | 15.5             | 15.0 | 14.3 | 12.4 | 10.0 | 8.5       | 78.4   | 0.0      | 1.7     | 0.4           | 5.2  | ESE  | -              |
| 05   | 6     | 16.6            | 23.2 | 11.0 | 16.1             | 15.4 | 14.6 | 12.7 | 10.2 | 8.6       | 75.4   | 0.0      | 4.8     | 0.5           | 6.1  | SE   | -              |
| 05   | 7     | 18.3            | 25.8 | 12.5 | 16.9             | 16.1 | 15.2 | 13.0 | 10.3 | 8.7       | 79.9   | 0.0      | 1.4     | 0.7           | 5.8  | SE   | -              |
| 05   | 8     | 17.5            | 24.4 | 8.5  | 16.9             | 16.6 | 15.8 | 13.4 | 10.5 | 8.8       | 85.9   | 7.5      | 0.0     | 1.2           | 11.0 | NNE  | -              |
| 05   | 9     | 10.3            | 17.3 | 5.4  | 15.1             | 15.6 | 15.3 | 13.7 | 10.7 | 8.9       | 75.7   | 0.0      | 4.7     | 0.7           | 4.9  | E    | -              |
| 05   | 10    | 10.6            | 17.9 | 3.6  | 14.2             | 14.7 | 14.6 | 13.7 | 10.9 | 9.0       | 74.5   | 0.0      | 3.7     | 0.5           | 5.4  | ESE  | -              |
| 05   | 11    | 10.0            | 14.9 | 6.4  | 13.7             | 14.3 | 14.3 | 13.6 | 11.1 | 9.1       | 87.7   | 3.5      | 0.3     | 0.5           | 5.5  | S    | -              |
| 05   | 12    | 11.5            | 16.4 | 8.2  | 13.5             | 13.9 | 13.9 | 13.5 | 11.2 | 9.1       | 92.5   | 0.0      | 0.1     | 0.3           | 3.9  | SE   | -              |
| 05   | 13    | 14.7            | 21.7 | 8.3  | 14.8             | 14.5 | 14.2 | 13.4 | 11.4 | 9.2       | 82.2   | 0.0      | 4.1     | 0.6           | 4.6  | S    | -              |
| 05   | 14    | 13.6            | 17.4 | 11.6 |                  |      |      |      |      |           | 91.1   | 6.5      | 0.0     | 0.3           | 2.8  | W    | -              |
| 05   | 15    | 12.5            | 14.0 | 11.4 | 14.3             | 14.6 | 14.5 | 13.6 | 11.5 | 9.4       | 97.1   | 16.5     | 0.0     | 0.1           | 3.4  | SE   | -              |
| 05   | 16    | 14.9            | 20.5 | 11.7 | 15.2             | 14.9 | 14.5 | 13.7 | 11.6 | 9.5       | 92.2   | 3.0      | 0.0     | 0.4           | 5.2  | ESE  | -              |
| 05   | 17    | 11.0            | 12.0 | 10.0 | 14.5             | 14.8 | 14.7 | 13.8 | 11.7 | 9.6       | 98.4   | 0.5      | 0.0     | 0.2           | 2.5  | ESE  | -              |
| 05   | 18    | 12.4            | 15.4 | 9.4  | 14.3             | 14.4 | 14.3 | 13.8 | 11.8 | 9.7       | 94.5   | 0.0      | 0.6     | 0.2           | 3.7  | ESE  | -              |
| 05   | 19    | 13.1            | 16.4 | 11.0 | 14.3             | 14.4 | 14.3 | 13.8 | 11.9 | 9.8       | 95.9   | 1.0      | 0.0     | 0.1           | 2.7  | SSW  | -              |
| 05   | 20    | 12.6            | 17.8 | 9.5  | 14.1             | 14.3 | 14.3 | 13.8 | 12.0 | 9.9       | 94.5   | 11.5     | 0.1     | 0.2           | 7.0  | SW   | -              |
| 05   | 21    | 14.1            | 21.9 | 9.1  | 14.7             | 14.6 | 14.3 | 13.7 | 12.1 | 10.0      | 75.8   | 4.5      | 3.5     | 0.6           | 6.7  | WNW  | -              |
| 05   | 22    | 15.5            | 23.9 | 8.5  | 15.0             | 14.9 | 14.6 | 13.8 | 12.1 | 10.1      | 67.5   | 5.0      | 3.0     | 0.7           | 5.5  | ESE  | -              |
| 05   | 23    | 14.0            | 18.3 | 10.4 | 15.6             | 15.5 | 15.0 | 13.9 | 12.2 | 10.2      | 88.1   | 0.0      | 0.3     | 0.5           | 4.9  | ESE  | -              |
| 05   | 24    | 14.6            | 21.4 | 8.9  | 15.8             | 15.6 | 15.2 | 14.1 | 12.3 | 10.3      | 79.5   | 0.0      | 0.0     | 0.5           | 4.3  | SE   | -              |
| 05   | 25    | 13.5            | 18.4 | 9.2  | 15.7             | 15.7 | 15.4 | 14.3 | 12.4 | 10.4      | 77.5   | 0.0      | 0.1     | 0.5           | 5.2  | ESE  | -              |
| 05   | 26    | 11.3            | 12.5 | 10.6 | 14.6             | 15.1 | 15.1 | 14.4 | 12.5 | 10.5      | 95.2   | 0.0      | 0.0     | 0.1           | 2.4  | ESE  | -              |
| 05   | 27    | 13.0            | 16.5 | 10.4 | 14.6             | 14.7 | 14.8 | 14.4 | 12.6 | 10.5      | 93.6   | 6.0      | 0.0     | 0.1           | 3.4  | ESE  | -              |
| 05   | 28    | 17.0            | 24.5 | 11.6 | 16.1             | 15.5 | 15.1 | 14.3 | 12.6 | 10.6      | 80.5   | 0.0      | 2.0     | 0.5           | 4.6  | S    | -              |
| 05   | 29    | 17.5            | 25.4 | 11.0 | 16.6             | 16.2 | 15.7 | 14.5 | 12.7 | 10.7      | 75.5   | 0.0      | 4.7     | 0.6           | 4.9  | SE   | -              |
| 05   | 30    | 16.7            | 25.0 | 10.6 | 16.9             | 16.5 | 16.0 | 14.7 | 12.8 | 10.8      | 73.1   | 0.0      | 3.1     | 0.6           | 4.1  | SSE  | -              |
| 05   | 31    | 13.9            | 15.3 | 12.4 | 15.5             | 16.0 | 16.0 | 15.0 | 12.8 | 10.9      | 96.7   | 70.5     | 0.0     | 0.1           | 4.0  | SW   | -              |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 136.0    | 72.2    |               |      |      |                |
| 平均   | Mean  | 14.0            | 19.7 | 9.3  | 15.0             | 15.0 | 14.6 | 13.5 | 11.4 | 9.5       | 82.1   | 4.4      | 2.3     | 0.5           | 5.0  |      |                |
| 最大   | Max.  | 18.3            | 25.9 | 12.5 | 16.9             | 16.6 | 16.0 | 15.0 | 12.8 | 10.9      | 98.4   | 70.5     | 10.7    | 1.2           | 11.0 |      |                |
| 最低   | Min.  | 10.0            | 12.0 | 3.4  | 12.9             | 13.0 | 12.7 | 11.8 | 9.4  | 8.2       | 44.1   | 0.0      | 0.0     | 0.1           | 2.4  |      |                |

地温:5/14(機器整備不良のため欠測)

2003年 06月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 15.5            | 21.4       | 8.7        | 16.0             | 15.9 | 15.8 | 15.2 | 13.2 | 11.0         | 91.2   | 3.0         | 1.1     | 0.4           | 6.8        | NNW        | -                 |
| 06   | 2     | 13.8            | 21.8       | 7.0        | 15.2             | 15.5 | 15.6 | 15.2 | 13.3 | 11.1         | 68.9   | 0.0         | 3.5     | 0.6           | 4.8        | NNE        | -                 |
| 06   | 3     | 15.8            | 23.9       | 8.2        | 15.6             | 15.6 | 15.5 | 15.1 | 13.4 | 11.2         | 67.9   | 0.0         | 4.7     | 0.6           | 4.3        | ESE        | -                 |
| 06   | 4     | 13.8            | 17.1       | 11.3       | 15.4             | 15.7 | 15.7 | 15.1 | 13.5 | 11.3         | 89.8   | 3.5         | 0.3     | 0.3           | 3.2        | W          | -                 |
| 06   | 5     | 17.5            | 26.2       | 9.8        | 16.2             | 15.9 | 15.6 | 15.1 | 13.5 | 11.4         | 72.6   | 0.5         | 3.4     | 0.6           | 4.3        | SE         | -                 |
| 06   | 6     | 18.1            | 25.2       | 10.5       | 17.1             | 16.6 | 16.1 | 15.2 | 13.5 | 11.5         | 78.1   | 0.0         | 3.0     | 0.6           | 5.1        | ESE        | -                 |
| 06   | 7     | 16.9            | 20.4       | 12.1       | 17.4             | 17.2 | 16.7 | 15.4 | 13.6 | 11.5         | 83.8   | 0.0         | 0.0     | 0.6           | 4.5        | S          | -                 |
| 06   | 8     | 18.1            | 26.1       | 10.6       | 17.3             | 17.0 | 16.6 | 15.6 | 13.7 | 11.6         | 70.3   | 0.0         | 3.1     | 0.7           | 4.4        | SE         | -                 |
| 06   | 9     | 16.6            | 22.0       | 14.2       | 17.6             | 17.3 | 17.0 | 15.7 | 13.8 | 11.7         | 83.9   | 0.0         | 0.4     | 0.5           | 4.8        | ESE        | -                 |
| 06   | 10    | 15.3            | 19.8       | 12.8       | 17.0             | 17.0 | 16.9 | 15.9 | 13.9 | 11.8         | 86.2   | 0.0         | 0.0     | 0.3           | 3.6        | SE         | -                 |
| 06   | 11    | 15.3            | 18.6       | 13.0       | 16.5             | 16.7 | 16.6 | 15.9 | 14.0 | 11.8         | 90.9   | 0.0         | 0.0     | 0.1           | 2.4        | ESE        | -                 |
| 06   | 12    | 16.5            | 18.1       | 14.7       | 16.8             | 16.7 | 16.6 | 15.9 | 14.1 | 11.9         | 95.4   | 0.0         | 0.0     | 0.1           | 2.7        | SSE        | -                 |
| 06   | 13    | 20.2            | 27.1       | 15.8       | 17.9             | 17.3 | 16.9 | 15.9 | 14.1 | 11.9         | 87.8   | 0.0         | 0.0     | 0.4           | 6.5        | WSW        | -                 |
| 06   | 14    | 19.9            | 24.6       | 17.4       | 18.6             | 18.2 | 17.5 | 16.1 | 14.2 | 12.0         | 88.5   | 7.0         | 0.1     | 0.3           | 3.8        | ESE        | -                 |
| 06   | 15    | 17.4            | 18.4       | 16.6       | 18.1             | 18.0 | 17.7 | 16.4 | 14.2 | 12.1         | 97.4   | 1.5         | 0.0     | 0.1           | 2.7        | E          | -                 |
| 06   | 16    | 18.0            | 20.4       | 16.0       | 18.1             | 17.9 | 17.6 | 16.5 | 14.3 | 12.1         | 94.9   | 0.0         | 0.0     | 0.1           | 2.8        | SSE        | -                 |
| 06   | 17    | 17.7            | 21.1       | 15.6       | 18.0             | 17.9 | 17.7 | 16.6 | 14.4 | 12.2         | 95.2   | 3.0         | 0.0     | 0.1           | 2.8        | W          | -                 |
| 06   | 18    | 18.6            | 21.7       | 15.7       | 18.1             | 18.0 | 17.7 | 16.7 | 14.5 | 12.3         | 93.6   | 0.5         | 0.3     | 0.2           | 3.2        | W          | -                 |
| 06   | 19    | 21.6            | 26.5       | 16.5       | 19.1             | 18.6 | 18.0 | 16.8 | 14.6 | 12.4         | 82.8   | 0.0         | 0.7     | 1.1           | 14.9       | SSW        | -                 |
| 06   | 20    | 23.8            | 32.6       | 17.2       | 20.1             | 19.5 | 18.7 | 17.0 | 14.7 | 12.4         | 71.2   | 0.0         | 0.0     | 1.2           | 15.1       | W          | -                 |
| 06   | 21    | 22.2            | 31.2       | 14.9       | 19.8             | 19.6 | 19.0 | 17.3 | 14.9 | 12.5         | 62.2   | 0.0         | 3.5     | 0.8           | 5.4        | W          | -                 |
| 06   | 22    | 21.1            | 28.0       | 16.2       | 19.8             | 19.7 | 19.1 | 17.5 | 15.0 | 12.6         | 69.2   | 0.0         | 0.6     | 0.5           | 4.3        | SSE        | -                 |
| 06   | 23    | 17.0            | 18.1       | 16.4       | 19.0             | 19.3 | 19.0 | 17.7 | 15.1 | 12.6         | 95.2   | 1.5         | 0.0     | 0.1           | 2.8        | ESE        | -                 |
| 06   | 24    | 17.3            | 18.6       | 16.2       | 18.5             | 18.7 | 18.6 | 17.7 | 15.2 | 12.7         | 98.1   | 5.5         | 0.0     | 0.1           | 2.5        | E          | -                 |
| 06   | 25    | 19.0            | 22.7       | 17.2       | 18.8             | 18.7 | 18.6 | 17.8 | 15.4 | 12.8         | 95.1   | 29.0        | 0.1     | 0.1           | 2.9        | SE         | -                 |
| 06   | 26    | 17.7            | 21.3       | 16.0       | 19.0             | 19.1 | 18.8 | 17.8 | 15.5 | 12.8         | 93.6   | 0.5         | 0.4     | 0.3           | 4.6        | ESE        | -                 |
| 06   | 27    | 19.4            | 24.9       | 13.7       | 19.2             | 19.1 | 18.8 | 17.9 | 15.6 | 12.9         | 86.1   | 1.0         | 2.5     | 0.3           | 3.7        | ESE        | -                 |
| 06   | 28    | 18.6            | 21.6       | 17.4       | 19.3             | 19.3 | 19.0 | 18.0 | 15.7 | 13.0         | 96.9   | 2.0         | 0.2     | 0.1           | 2.8        | ESE        | -                 |
| 06   | 29    | 20.5            | 26.0       | 16.1       | 19.9             | 19.6 | 19.2 | 18.1 | 15.8 | 13.1         | 86.4   | 0.0         | 0.4     | 0.3           | 4.3        | ESE        | -                 |
| 06   | 30    | 20.1            | 26.1       | 13.8       | 19.8             | 19.8 | 19.3 | 18.2 | 15.9 | 13.2         | 80.7   | 0.0         | 2.1     | 0.5           | 4.9        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 58.5        | 30.3    |               |            |            |                   |
| 平均   | Mean  | 18.1            | 23.0       | 14.1       | 18.0             | 17.8 | 17.5 | 16.5 | 14.4 | 12.1         | 85.1   | 2.0         | 1.0     | 0.4           | 4.7        |            |                   |
| 最大   | Max.  | 23.8            | 32.6       | 17.4       | 20.1             | 19.8 | 19.3 | 18.2 | 15.9 | 13.2         | 98.1   | 29.0        | 4.7     | 1.2           | 15.1       |            |                   |
| 最低   | Min.  | 13.8            | 17.1       | 7.0        | 15.2             | 15.5 | 15.5 | 15.1 | 13.2 | 11.0         | 62.2   | 0.0         | 0.0     | 0.1           | 2.4        |            |                   |

2003年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 17.6            | 20.3       | 15.4       | 19.3             | 19.7 | 19.5 | 18.3 | 16.0 | 13.2         | 92.1   | 13.0        | 0.1     | 0.3           | 3.0        | ESE        | -                 |
| 07   | 2     | 18.6            | 24.8       | 14.2       | 19.2             | 19.3 | 19.1 | 18.4 | 16.1 | 13.3         | 85.7   | 2.0         | 1.0     | 0.3           | 4.7        | SE         | -                 |
| 07   | 3     | 17.4            | 21.6       | 15.2       | 19.2             | 19.4 | 19.2 | 18.4 | 16.2 | 13.4         | 91.1   | 5.5         | 0.0     | 0.4           | 4.2        | ESE        | -                 |
| 07   | 4     | 20.9            | 28.0       | 16.4       | 20.0             | 19.8 | 19.4 | 18.5 | 16.3 | 13.5         | 83.2   | 2.5         | 1.5     | 0.3           | 3.9        | ESE        | -                 |
| 07   | 5     | 20.9            | 26.2       | 16.0       | 20.5             | 20.3 | 19.8 | 18.6 | 16.4 | 13.6         | 79.1   | 0.0         | 0.8     | 0.4           | 4.0        | ESE        | -                 |
| 07   | 6     | 17.9            | 22.4       | 15.4       | 20.0             | 20.2 | 19.9 | 18.8 | 16.5 | 13.7         | 92.5   | 2.0         | 0.0     | 0.2           | 4.0        | ESE        | -                 |
| 07   | 7     | 17.5            | 18.4       | 17.0       | 19.4             | 19.8 | 19.7 | 18.9 | 16.6 | 13.7         | 98.5   | 4.0         | 0.0     | 0.1           | 3.0        | ESE        | -                 |
| 07   | 8     | 17.4            | 19.9       | 16.1       | 19.2             | 19.4 | 19.5 | 18.9 | 16.7 | 13.8         | 98.2   | 1.5         | 0.0     | 0.1           | 2.8        | ESE        | -                 |
| 07   | 9     | 16.6            | 18.2       | 15.8       | 18.9             | 19.2 | 19.3 | 18.8 | 16.8 | 13.9         | 98.1   | 0.5         | 0.0     | 0.1           | 2.4        | ESE        | -                 |
| 07   | 10    | 16.8            | 18.0       | 15.8       | 18.6             | 18.9 | 19.0 | 18.7 | 16.8 | 14.0         | 98.8   | 0.5         | 0.0     | 0.1           | 3.0        | ESE        | -                 |
| 07   | 11    | 21.2            | 26.3       | 17.0       | 19.6             | 19.2 | 19.1 | 18.6 | 16.9 | 14.1         | 92.5   | 2.0         | 0.9     | 0.2           | 3.7        | WNW        | -                 |
| 07   | 12    | 22.0            | 27.5       | 18.2       | 20.6             | 20.2 | 19.7 | 18.7 | 16.9 | 14.2         | 90.1   | 3.0         | 0.2     | 0.2           | 4.2        | ESE        | -                 |
| 07   | 13    | 17.8            | 19.9       | 16.1       | 20.0             | 20.2 | 20.0 | 18.9 | 16.9 | 14.2         | 98.6   | 9.0         | 0.0     | 0.1           | 2.5        | ESE        | -                 |
| 07   | 14    | 16.5            | 18.7       | 14.7       | 18.7             | 19.2 | 19.4 | 19.0 | 17.0 | 14.3         | 96.3   | 11.0        | 0.0     | 0.1           | 3.6        | ESE        | -                 |
| 07   | 15    | 18.4            | 22.2       | 15.6       | 19.2             | 19.3 | 19.3 | 18.9 | 17.1 | 14.4         | 89.7   | 0.5         | 0.7     | 0.2           | 3.1        | ESE        | -                 |
| 07   | 16    | 17.3            | 18.7       | 15.9       | 18.9             | 19.2 | 19.3 | 18.9 | 17.2 | 14.5         | 95.1   | 2.0         | 0.0     | 0.1           | 2.7        | ESE        | -                 |
| 07   | 17    | 17.0            | 18.6       | 16.2       | 18.6             | 18.9 | 19.1 | 18.8 | 17.2 | 14.6         | 97.4   | 4.5         | 0.0     | 0.1           | 3.2        | ESE        | -                 |
| 07   | 18    | 16.3            | 17.3       | 15.3       | 18.4             | 18.7 | 18.9 | 18.7 | 17.2 | 14.6         | 97.4   | 0.5         | 0.0     | 0.1           | 3.1        | ESE        | -                 |
| 07   | 19    | 17.6            | 19.4       | 15.8       | 18.5             | 18.6 | 18.8 | 18.6 | 17.3 | 14.7         | 96.7   | 0.5         | 0.0     | 0.0           | 2.1        | ESE        | -                 |
| 07   | 20    | 20.4            | 26.9       | 16.1       | 19.7             | 19.3 | 19.1 | 18.6 | 17.3 | 14.8         | 90.0   | 6.5         | 1.7     | 0.3           | 4.0        | SE         | -                 |
| 07   | 21    | 19.8            | 24.0       | 16.8       | 20.1             | 20.0 | 19.7 | 18.7 | 17.3 | 14.8         | 95.5   | 19.0        | 0.2     | 0.1           | 2.5        | SW         | -                 |
| 07   | 22    | 18.3            | 24.1       | 15.2       | 19.6             | 19.8 | 19.7 | 19.0 | 17.3 | 14.9         | 93.0   | 0.5         | 2.5     | 0.4           | 5.1        | ESE        | -                 |
| 07   | 23    | 15.0            | 16.2       | 13.9       | 18.4             | 19.1 | 19.3 | 19.0 | 17.4 | 15.0         | 98.6   | 7.5         | 0.0     | 0.1           | 3.0        | ESE        | -                 |
| 07   | 24    | 18.9            | 26.1       | 14.5       | 18.8             | 18.8 | 18.9 | 18.9 | 17.4 | 15.1         | 91.7   | 4.5         | 0.1     | 0.2           | 3.7        | SE         | -                 |
| 07   | 25    | 19.2            | 22.1       | 16.6       | 19.2             | 19.6 | 19.5 | 18.9 | 17.5 | 15.1         | 95.5   | 74.5        | 0.0     | 0.2           | 4.5        | E          | -                 |
| 07   | 26    | 18.6            | 22.6       | 16.1       | 19.0             | 19.2 | 19.3 | 19.1 | 17.8 | 15.4         | 93.7   | 11.5        | 0.0     | 0.2           | 4.3        | WSW        | -                 |
| 07   | 27    | 19.0            | 22.6       | 16.6       | 19.4             | 19.5 | 19.5 | 19.1 | 17.8 | 15.5         | 92.8   | 15.5        | 0.1     | 0.2           | 3.5        | ESE        | -                 |
| 07   | 28    | 18.9            | 24.4       | 15.0       | 19.9             | 19.9 | 19.7 | 19.2 | 17.8 | 15.6         | 92.3   | 0.5         | 0.0     | 0.3           | 4.9        | ESE        | -                 |
| 07   | 29    | 18.6            | 20.1       | 17.5       | 19.8             | 20.0 | 19.9 | 19.3 | 17.9 | 15.7         | 97.2   | 0.5         | 0.0     | 0.1           | 2.1        | ESE        | -                 |
| 07   | 30    | 19.3            | 22.0       | 16.9       | 19.8             | 19.8 | 19.8 | 19.4 | 17.9 | 15.7         | 96.3   | 2.5         | 0.0     | 0.1           | 4.7        | E          | -                 |
| 07   | 31    | 21.5            | 26.5       | 18.2       | 20.7             | 20.3 | 20.1 | 19.4 | 17.9 | 15.8         | 89.3   | 0.0         | 0.4     | 0.3           | 3.9        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 207.5       | 10.0    |               |            |            |                   |
| 平均   | Mean  | 18.5            | 22.1       | 16.0       | 19.4             | 19.5 | 19.4 | 18.8 | 17.1 | 14.5         | 93.5   | 6.7         | 0.3     | 0.2           | 3.5        |            |                   |
| 最大   | Max.  | 22.0            | 28.0       | 18.2       | 20.7             | 20.3 | 20.1 | 19.4 | 17.9 | 15.8         | 98.8   | 74.5        | 2.5     | 0.4           | 5.1        |            |                   |
| 最低   | Min.  | 15.0            | 16.2       | 13.9       | 18.4             | 18.6 | 18.8 | 18.3 | 16.0 | 13.2         | 79.1   | 0.0         | 0.0     | 0.0           | 2.1        |            |                   |

2003年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      | 降雪深 cm |                |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|--------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |        |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向     | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir.   |                |
| 08   | 1     | 19.9            | 23.1 | 17.8 | 20.4             | 20.5 | 20.4 | 19.5 | 18.0 | 15.8      | 94.4   | 0.0      | 0.0     | 0.1           | 3.9  | WSW    | -              |
| 08   | 2     | 22.8            | 29.1 | 17.4 | 21.4             | 20.9 | 20.5 | 19.6 | 18.0 | 15.8      | 85.7   | 0.0      | 3.8     | 0.6           | 4.3  | SE     | -              |
| 08   | 3     | 23.6            | 31.7 | 17.6 | 22.1             | 21.7 | 21.1 | 19.8 | 18.0 | 15.9      | 81.1   | 0.0      | 4.6     | 0.6           | 3.6  | W      | -              |
| 08   | 4     | 23.8            | 31.1 | 18.8 | 22.5             | 22.1 | 21.5 | 20.1 | 18.1 | 15.9      | 84.5   | 0.0      | 3.7     | 0.6           | 3.5  | W      | -              |
| 08   | 5     | 22.8            | 31.0 | 19.3 | 22.3             | 22.3 | 21.9 | 20.4 | 18.1 | 15.9      | 90.5   | 59.0     | 1.1     | 0.4           | 7.1  | WSW    | -              |
| 08   | 6     | 22.6            | 28.1 | 18.4 | 22.2             | 22.1 | 21.9 | 20.9 | 18.4 | 16.0      | 89.2   | 0.0      | 3.5     | 0.4           | 3.4  | SE     | -              |
| 08   | 7     | 22.8            | 28.6 | 19.5 | 22.7             | 22.4 | 22.1 | 20.9 | 18.6 | 16.1      | 90.7   | 0.0      | 2.4     | 0.5           | 4.4  | SE     | -              |
| 08   | 8     | 20.2            | 23.1 | 17.3 | 21.5             | 21.8 | 21.9 | 21.0 | 18.7 | 16.2      | 94.9   | 15.5     | 0.0     | 0.4           | 3.8  | NW     | -              |
| 08   | 9     | 21.2            | 24.1 | 19.5 | 21.3             | 21.3 | 21.5 | 21.1 | 19.0 | 16.3      | 91.5   | 54.5     | 0.0     | 1.0           | 14.4 | NW     | -              |
| 08   | 10    | 23.5            | 30.8 | 18.4 | 22.3             | 21.9 | 21.7 | 21.1 | 19.3 | 16.5      | 85.9   | 0.0      | 5.0     | 0.5           | 4.7  | SSW    | -              |
| 08   | 11    | 23.6            | 29.3 | 19.2 | 23.0             | 22.6 | 22.3 | 21.2 | 19.3 | 16.6      | 85.5   | 0.0      | 2.9     | 0.5           | 4.3  | S      | -              |
| 08   | 12    | 21.1            | 22.9 | 19.8 | 22.3             | 22.4 | 22.4 | 21.4 | 19.3 | 16.7      | 95.3   | 1.5      | 0.0     | 0.1           | 2.3  | W      | -              |
| 08   | 13    | 19.3            | 21.7 | 18.1 | 21.5             | 21.8 | 22.0 | 21.4 | 19.4 | 16.7      | 93.8   | 0.5      | 0.0     | 0.2           | 3.0  | SSE    | -              |
| 08   | 14    | 16.0            | 18.3 | 14.6 | 18.8             | 20.2 | 20.8 | 21.3 | 19.5 | 16.7      | 98.4   | 59.0     | 0.0     | 0.1           | 3.3  | E      | -              |
| 08   | 15    | 16.0            | 17.7 | 14.5 | 17.2             | 18.2 | 19.0 | 20.8 | 19.8 | 17.0      | 98.8   | 48.0     | 0.0     | 0.1           | 2.8  | SE     | -              |
| 08   | 16    | 16.7            | 17.6 | 16.0 | 18.3             | 18.6 | 19.2 | 20.3 | 19.9 | 17.3      | 98.8   | 2.0      | 0.0     | 0.1           | 2.3  | ESE    | -              |
| 08   | 17    | 16.9            | 18.3 | 15.8 | 18.6             | 18.8 | 19.3 | 20.1 | 19.8 | 17.3      | 98.7   | 3.5      | 0.0     | 0.1           | 2.8  | ESE    | -              |
| 08   | 18    | 19.9            | 25.6 | 16.2 | 19.5             | 19.3 | 19.5 | 20.0 | 19.6 | 17.4      | 95.6   | 2.5      | 0.2     | 0.0           | 1.5  | SE     | -              |
| 08   | 19    | 18.9            | 20.3 | 17.7 | 20.0             | 20.0 | 20.1 | 20.0 | 19.6 | 17.4      | 97.8   | 0.5      | 0.0     | 0.0           | 2.2  | ESE    | -              |
| 08   | 20    | 21.1            | 28.3 | 17.2 | 20.9             | 20.4 | 20.3 | 20.1 | 19.5 | 17.5      | 91.2   | 1.0      | 5.7     | 0.2           | 4.4  | SE     | -              |
| 08   | 21    | 22.4            | 28.2 | 17.8 | 21.5             | 21.1 | 20.9 | 20.3 | 19.4 | 17.5      | 90.5   | 2.0      | 3.8     | 0.2           | 2.8  | WSW    | -              |
| 08   | 22    | 23.6            | 30.8 | 18.1 | 22.3             | 21.8 | 21.4 | 20.5 | 19.4 | 17.5      | 84.9   | 0.0      | 7.7     | 0.5           | 3.4  | WSW    | -              |
| 08   | 23    | 24.8            | 33.7 | 18.2 | 22.8             | 22.3 | 21.9 | 20.7 | 19.4 | 17.6      | 75.9   | 0.0      | 9.1     | 0.6           | 4.0  | W      | -              |
| 08   | 24    | 23.8            | 33.3 | 18.7 | 22.7             | 22.6 | 22.2 | 21.0 | 19.4 | 17.6      | 74.5   | 9.0      | 6.0     | 0.6           | 3.9  | WNW    | -              |
| 08   | 25    | 23.3            | 30.2 | 18.3 | 22.8             | 22.6 | 22.3 | 21.2 | 19.4 | 17.6      | 86.4   | 0.5      | 7.1     | 0.5           | 4.6  | S      | -              |
| 08   | 26    | 21.5            | 24.7 | 19.5 | 22.3             | 22.4 | 22.3 | 21.4 | 19.5 | 17.6      | 93.2   | 3.0      | 0.6     | 0.2           | 3.1  | W      | -              |
| 08   | 27    | 21.5            | 26.9 | 18.8 | 22.0             | 22.2 | 22.1 | 21.4 | 19.6 | 17.6      | 89.0   | 11.5     | 2.2     | 0.3           | 3.7  | SE     | -              |
| 08   | 28    | 19.9            | 23.2 | 18.5 | 21.8             | 22.1 | 22.1 | 21.5 | 19.7 | 17.6      | 94.0   | 0.0      | 0.0     | 0.3           | 4.8  | ESE    | -              |
| 08   | 29    | 23.3            | 32.3 | 17.9 | 22.1             | 22.1 | 22.0 | 21.5 | 19.7 | 17.6      | 78.2   | 0.0      | 8.3     | 0.6           | 3.6  | W      | -              |
| 08   | 30    | 20.2            | 25.1 | 17.3 | 21.6             | 22.0 | 22.1 | 21.5 | 19.8 | 17.6      | 89.2   | 0.0      | 0.0     | 0.4           | 4.3  | ESE    | -              |
| 08   | 31    | 19.0            | 23.3 | 15.7 | 20.9             | 21.4 | 21.7 | 21.5 | 19.8 | 17.7      | 94.6   | 4.0      | 0.4     | 0.2           | 3.2  | ESE    | -              |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 277.5    | 77.9    |               |      |        |                |
| 平均   | Mean  | 21.2            | 26.2 | 17.8 | 21.3             | 21.3 | 21.3 | 20.7 | 19.2 | 16.9      | 90.1   | 9.0      | 2.5     | 0.3           | 4.0  |        |                |
| 最大   | Max.  | 24.8            | 33.7 | 19.8 | 23.0             | 22.6 | 22.4 | 21.5 | 19.9 | 17.7      | 98.8   | 59.0     | 9.1     | 1.0           | 14.4 |        |                |
| 最低   | Min.  | 16.0            | 17.6 | 14.5 | 17.2             | 18.2 | 19.0 | 19.5 | 18.0 | 15.8      | 74.5   | 0.0      | 0.0     | 0.0           | 1.5  |        |                |



2003年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 20.1            | 24.2       | 18.7       | 21.5             | 21.6 | 21.6 | 21.4 | 19.9 | 17.7         | 95.2   | 0.0         | 0.1     | 0.2           | 4.3        | ESE        | -                 |
| 09   | 2     | 22.8            | 29.8       | 18.7       | 22.3             | 22.1 | 21.9 | 21.4 | 19.9 | 17.7         | 89.0   | 0.0         | 3.1     | 0.3           | 4.1        | SSE        | -                 |
| 09   | 3     | 23.7            | 31.2       | 17.8       | 22.7             | 22.6 | 22.3 | 21.5 | 20.0 | 17.7         | 83.5   | 0.5         | 4.4     | 0.4           | 3.8        | SSE        | -                 |
| 09   | 4     | 22.1            | 27.3       | 19.2       | 22.9             | 23.0 | 22.7 | 21.7 | 20.0 | 17.8         | 87.8   | 0.0         | 1.8     | 0.4           | 4.4        | ESE        | -                 |
| 09   | 5     | 20.2            | 27.4       | 14.8       | 21.8             | 22.4 | 22.4 | 21.9 | 20.0 | 17.8         | 79.4   | 0.0         | 6.5     | 0.5           | 4.8        | SSW        | -                 |
| 09   | 6     | 20.5            | 27.4       | 15.3       | 21.1             | 21.7 | 21.9 | 21.8 | 20.1 | 17.8         | 86.0   | 0.0         | 1.9     | 0.4           | 3.2        | WNW        | -                 |
| 09   | 7     | 18.2            | 20.0       | 16.3       | 20.6             | 21.4 | 21.7 | 21.7 | 20.2 | 17.9         | 96.2   | 0.0         | 0.0     | 0.2           | 2.8        | E          | -                 |
| 09   | 8     | 18.5            | 22.7       | 16.1       | 20.5             | 20.9 | 21.3 | 21.6 | 20.2 | 17.9         | 93.6   | 0.0         | 0.4     | 0.2           | 3.2        | SE         | -                 |
| 09   | 9     | 22.7            | 31.5       | 15.9       | 21.4             | 21.4 | 21.4 | 21.4 | 20.2 | 17.9         | 80.9   | 0.0         | 9.4     | 0.6           | 3.7        | WSW        | -                 |
| 09   | 10    | 22.3            | 26.5       | 18.4       | 21.8             | 22.0 | 21.9 | 21.4 | 20.2 | 18.0         | 86.2   | 0.0         | 1.5     | 0.6           | 6.4        | W          | -                 |
| 09   | 11    | 24.0            | 31.2       | 18.7       | 22.6             | 22.3 | 22.1 | 21.5 | 20.2 | 18.0         | 81.6   | 3.0         | 6.6     | 0.6           | 5.3        | S          | -                 |
| 09   | 12    | 23.2            | 28.7       | 20.2       | 23.2             | 23.1 | 22.7 | 21.7 | 20.2 | 18.0         | 90.6   | 0.0         | 3.0     | 0.3           | 5.2        | SE         | -                 |
| 09   | 13    | 23.0            | 29.0       | 19.6       | 23.1             | 23.1 | 22.9 | 21.9 | 20.2 | 18.1         | 85.9   | 0.0         | 2.2     | 0.5           | 6.3        | W          | -                 |
| 09   | 14    | 21.2            | 28.3       | 16.7       | 21.9             | 22.5 | 22.6 | 22.0 | 20.3 | 18.1         | 76.4   | 0.0         | 3.8     | 0.6           | 4.0        | W          | -                 |
| 09   | 15    | 20.6            | 29.3       | 15.1       | 21.2             | 21.8 | 22.0 | 22.0 | 20.4 | 18.1         | 76.7   | 0.0         | 6.8     | 0.5           | 4.1        | WSW        | -                 |
| 09   | 16    | 19.0            | 21.7       | 16.4       | 20.8             | 21.5 | 21.8 | 21.9 | 20.5 | 18.2         | 87.4   | 0.0         | 0.0     | 0.2           | 3.7        | SE         | -                 |
| 09   | 17    | 19.8            | 26.9       | 14.5       | 20.7             | 21.2 | 21.4 | 21.7 | 20.5 | 18.2         | 84.0   | 0.0         | 5.3     | 0.6           | 3.6        | SW         | -                 |
| 09   | 18    | 20.5            | 27.9       | 15.0       | 21.0             | 21.4 | 21.5 | 21.6 | 20.5 | 18.2         | 82.4   | 0.0         | 7.8     | 0.7           | 3.9        | WSW        | -                 |
| 09   | 19    | 21.4            | 28.7       | 16.1       | 21.2             | 21.5 | 21.5 | 21.5 | 20.5 | 18.3         | 81.8   | 0.0         | 4.5     | 0.5           | 3.9        | W          | -                 |
| 09   | 20    | 16.7            | 19.8       | 13.0       | 19.0             | 20.7 | 21.1 | 21.5 | 20.4 | 18.3         | 98.0   | 55.0        | 0.0     | 0.3           | 3.3        | E          | -                 |
| 09   | 21    | 12.8            | 14.0       | 11.3       | 15.2             | 17.6 | 18.7 | 21.1 | 20.5 | 18.3         | 99.3   | 67.5        | 0.0     | 0.1           | 3.0        | E          | -                 |
| 09   | 22    | 13.0            | 19.8       | 10.7       | 15.2             | 16.4 | 17.4 | 20.1 | 20.6 | 18.5         | 89.9   | 11.0        | 3.5     | 0.4           | 3.6        | ESE        | -                 |
| 09   | 23    | 12.3            | 18.8       | 7.8        | 15.8             | 16.9 | 17.6 | 19.7 | 20.5 | 18.7         | 84.3   | 0.0         | 4.0     | 0.4           | 4.4        | SE         | -                 |
| 09   | 24    | 12.3            | 14.2       | 10.8       | 15.5             | 16.8 | 17.6 | 19.4 | 20.3 | 18.7         | 95.4   | 8.5         | 0.0     | 0.0           | 1.9        | SSW        | -                 |
| 09   | 25    | 14.5            | 16.7       | 12.5       | 15.8             | 16.6 | 17.3 | 19.2 | 20.1 | 18.7         | 99.0   | 12.0        | 0.0     | 0.1           | 3.7        | ESE        | -                 |
| 09   | 26    | 17.7            | 21.1       | 15.8       | 17.5             | 17.5 | 17.8 | 18.9 | 19.9 | 18.7         | 97.0   | 5.0         | 0.0     | 0.1           | 3.2        | ENE        | -                 |
| 09   | 27    | 17.0            | 23.5       | 13.6       | 17.9             | 18.2 | 18.3 | 18.9 | 19.7 | 18.7         | 88.4   | 4.0         | 3.7     | 0.3           | 4.2        | SE         | -                 |
| 09   | 28    | 16.2            | 22.9       | 12.9       | 17.7             | 18.2 | 18.4 | 19.0 | 19.6 | 18.8         | 88.0   | 1.0         | 4.8     | 0.3           | 4.0        | SE         | -                 |
| 09   | 29    | 15.5            | 23.2       | 9.7        | 17.7             | 18.3 | 18.5 | 19.1 | 19.5 | 18.8         | 81.4   | 0.0         | 6.2     | 0.7           | 7.0        | WSW        | -                 |
| 09   | 30    | 12.3            | 20.8       | 6.0        | 15.7             | 17.1 | 17.9 | 19.1 | 19.4 | 18.8         | 68.1   | 0.0         | 7.5     | 0.9           | 6.7        | W          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 167.5       | 98.9    |               |            |            |                   |
| 平均   | Mean  | 18.8            | 24.5       | 14.9       | 19.8             | 20.4 | 20.6 | 20.9 | 20.2 | 18.2         | 87.1   | 5.6         | 3.3     | 0.4           | 4.2        |            |                   |
| 最大   | Max.  | 24.0            | 31.5       | 20.2       | 23.2             | 23.1 | 22.9 | 22.0 | 20.6 | 18.8         | 99.3   | 67.5        | 9.4     | 0.9           | 7.0        |            |                   |
| 最低   | Min.  | 12.3            | 14.0       | 6.0        | 15.2             | 16.4 | 17.3 | 18.9 | 19.4 | 17.7         | 68.1   | 0.0         | 0.0     | 0.0           | 1.9        |            |                   |

2003年 10月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            | 降雪深<br>cm  |                   |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 12.6            | 20.9       | 5.3        | 14.8             | 16.1 | 17.0 | 18.8 | 19.4 | 18.7         | 72.0   | 0.0         | 7.3     | 0.7           | 3.6        | W          | -                 |
| 10   | 2     | 15.0            | 24.5       | 9.8        | 15.8             | 16.5 | 17.1 | 18.5 | 19.3 | 18.7         | 77.4   | 0.0         | 4.5     | 0.8           | 6.8        | WNW        | -                 |
| 10   | 3     | 12.8            | 20.7       | 7.9        | 15.3             | 16.3 | 16.9 | 18.4 | 19.2 | 18.7         | 75.0   | 0.0         | 3.6     | 0.6           | 4.9        | WSW        | -                 |
| 10   | 4     | 12.2            | 19.4       | 8.9        | 15.0             | 16.1 | 16.7 | 18.2 | 19.1 | 18.6         | 80.0   | 0.0         | 2.4     | 0.3           | 3.4        | SW         | -                 |
| 10   | 5     | 12.1            | 19.4       | 7.2        | 14.9             | 15.8 | 16.5 | 18.0 | 18.9 | 18.6         | 79.9   | 0.0         | 6.9     | 0.6           | 4.2        | S          | -                 |
| 10   | 6     | 10.5            | 12.8       | 7.6        | 14.3             | 15.6 | 16.3 | 17.9 | 18.8 | 18.6         | 91.2   | 0.0         | 0.0     | 0.3           | 3.4        | WNW        | -                 |
| 10   | 7     | 9.9             | 11.5       | 8.2        | 13.3             | 14.7 | 15.7 | 17.7 | 18.7 | 18.5         | 92.0   | 0.0         | 0.0     | 0.2           | 2.0        | W          | -                 |
| 10   | 8     | 9.2             | 10.1       | 6.9        | 13.0             | 14.3 | 15.3 | 17.3 | 18.6 | 18.5         | 94.7   | 0.5         | 0.0     | 0.1           | 2.5        | ESE        | -                 |
| 10   | 9     | 9.6             | 17.1       | 5.5        | 12.8             | 13.9 | 14.9 | 17.0 | 18.5 | 18.4         | 84.4   | 0.0         | 5.0     | 0.4           | 3.9        | SW         | -                 |
| 10   | 10    | 11.1            | 19.6       | 5.1        | 12.9             | 13.9 | 14.7 | 16.8 | 18.3 | 18.4         | 83.4   | 0.0         | 7.9     | 0.6           | 4.0        | WSW        | -                 |
| 10   | 11    | 12.3            | 16.5       | 7.4        | 13.4             | 14.1 | 14.8 | 16.6 | 18.1 | 18.3         | 86.6   | 1.0         | 0.0     | 0.3           | 3.1        | W          | -                 |
| 10   | 12    | 16.4            | 21.9       | 12.7       | 15.4             | 15.3 | 15.4 | 16.5 | 18.0 | 18.3         | 95.1   | 2.5         | 1.1     | 0.2           | 3.6        | WSW        | -                 |
| 10   | 13    | 17.1            | 22.4       | 12.6       | 16.1             | 16.2 | 16.2 | 16.6 | 17.8 | 18.2         | 88.6   | 13.5        | 1.8     | 0.7           | 6.9        | NNW        | -                 |
| 10   | 14    | 10.4            | 12.9       | 8.4        | 13.7             | 15.2 | 15.8 | 16.8 | 17.7 | 18.2         | 96.9   | 24.0        | 0.0     | 0.1           | 2.9        | E          | -                 |
| 10   | 15    | 10.6            | 14.6       | 7.9        | 13.1             | 14.0 | 14.8 | 16.5 | 17.6 | 18.1         | 93.8   | 1.5         | 0.3     | 0.1           | 3.1        | SE         | -                 |
| 10   | 16    | 10.5            | 17.6       | 6.7        | 13.3             | 14.2 | 14.8 | 16.3 | 17.5 | 18.0         | 86.8   | 0.0         | 4.8     | 0.4           | 3.6        | WSW        | -                 |
| 10   | 17    | 9.9             | 16.8       | 4.6        | 12.6             | 13.7 | 14.4 | 16.1 | 17.4 | 18.0         | 81.2   | 0.0         | 7.5     | 0.7           | 5.4        | S          | -                 |
| 10   | 18    | 10.1            | 17.4       | 6.2        | 12.8             | 13.8 | 14.4 | 15.9 | 17.3 | 17.9         | 85.9   | 0.0         | 4.7     | 0.4           | 3.4        | SW         | -                 |
| 10   | 19    | 11.6            | 18.8       | 5.5        | 12.6             | 13.5 | 14.1 | 15.8 | 17.1 | 17.9         | 78.9   | 0.0         | 9.0     | 0.7           | 4.7        | SW         | -                 |
| 10   | 20    | 11.5            | 17.5       | 8.3        | 13.4             | 14.0 | 14.4 | 15.7 | 17.0 | 17.8         | 83.0   | 0.0         | 5.4     | 0.5           | 4.1        | SE         | -                 |
| 10   | 21    | 10.5            | 18.4       | 4.7        | 12.8             | 13.7 | 14.3 | 15.6 | 16.9 | 17.7         | 82.2   | 0.5         | 4.2     | 0.5           | 3.8        | SW         | -                 |
| 10   | 22    | 11.2            | 13.6       | 9.1        | 12.4             | 13.3 | 13.9 | 15.5 | 16.8 | 17.6         | 98.7   | 23.5        | 0.0     | 0.1           | 2.8        | W          | -                 |
| 10   | 23    | 11.1            | 18.5       | 4.1        | 13.0             | 13.6 | 14.1 | 15.4 | 16.7 | 17.6         | 88.5   | 0.0         | 3.3     | 0.6           | 6.5        | WNW        | -                 |
| 10   | 24    | 8.0             | 16.5       | 1.9        | 11.2             | 12.6 | 13.5 | 15.3 | 16.6 | 17.5         | 76.2   | 0.0         | 10.0    | 0.9           | 3.9        | W          | -                 |
| 10   | 25    | 7.9             | 13.0       | 4.0        | 10.7             | 12.0 | 13.0 | 15.0 | 16.5 | 17.5         | 85.5   | 0.0         | 0.5     | 0.5           | 3.3        | NW         | -                 |
| 10   | 26    | 11.3            | 18.6       | 5.1        | 11.6             | 12.2 | 12.9 | 14.7 | 16.4 | 17.4         | 74.2   | 0.0         | 8.6     | 0.7           | 4.0        | SW         | -                 |
| 10   | 27    | 10.2            | 13.0       | 8.7        | 12.1             | 12.7 | 13.2 | 14.6 | 16.2 | 17.3         | 88.8   | 0.0         | 0.7     | 0.4           | 3.4        | ESE        | -                 |
| 10   | 28    | 10.1            | 16.1       | 8.3        | 11.7             | 12.6 | 13.2 | 14.6 | 16.1 | 17.3         | 96.6   | 5.5         | 0.0     | 0.8           | 14.8       | W          | -                 |
| 10   | 29    | 15.9            | 23.3       | 7.6        | 13.2             | 13.2 | 13.5 | 14.6 | 16.0 | 17.2         | 67.8   | 0.0         | 9.6     | 3.0           | 17.2       | W          | -                 |
| 10   | 30    | 10.9            | 20.5       | 4.9        | 11.9             | 12.8 | 13.4 | 14.6 | 15.9 | 17.1         | 70.6   | 0.0         | 9.6     | 0.8           | 4.9        | WSW        | -                 |
| 10   | 31    | 9.9             | 17.6       | 5.0        | 11.0             | 12.0 | 12.8 | 14.5 | 15.8 | 17.1         | 72.7   | 0.0         | 8.2     | 0.6           | 4.2        | SW         | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 72.5        | 126.7   |               |            |            |                   |
| 平均   | Mean  | 11.4            | 17.5       | 7.0        | 13.2             | 14.1 | 14.8 | 16.3 | 17.5 | 18.0         | 84.1   | 2.3         | 4.1     | 0.6           | 4.8        |            |                   |
| 最大   | Max.  | 17.1            | 24.5       | 12.7       | 16.1             | 16.5 | 17.1 | 18.8 | 19.4 | 18.7         | 98.7   | 24.0        | 10.0    | 3.0           | 17.2       |            |                   |
| 最低   | Min.  | 7.9             | 10.1       | 1.9        | 10.7             | 12.0 | 12.8 | 14.5 | 15.8 | 17.1         | 67.8   | 0.0         | 0.0     | 0.1           | 2.0        |            |                   |

2003年 11月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            | 降雪深<br>cm  |                   |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 12.5            | 20.8       | 6.9        | 11.9             | 12.4 | 12.9 | 14.3 | 15.7 | 17.0         | 82.8   | 0.0         | 6.3     | 0.3           | 4.3        | SSE        | -                 |
| 11   | 2     | 14.1            | 22.7       | 9.1        | 12.6             | 12.8 | 13.2 | 14.2 | 15.6 | 16.9         | 81.4   | 0.0         | 8.5     | 0.6           | 4.1        | SW         | -                 |
| 11   | 3     | 13.3            | 18.4       | 9.6        | 12.9             | 13.1 | 13.4 | 14.3 | 15.5 | 16.8         | 91.8   | 0.5         | 1.4     | 0.3           | 4.7        | W          | -                 |
| 11   | 4     | 13.3            | 19.0       | 9.3        | 13.5             | 13.6 | 13.8 | 14.4 | 15.4 | 16.8         | 80.7   | 0.0         | 3.9     | 0.4           | 3.8        | ESE        | -                 |
| 11   | 5     | 11.4            | 16.6       | 8.1        | 12.9             | 13.4 | 13.7 | 14.4 | 15.4 | 16.7         | 83.7   | 5.5         | 5.1     | 0.6           | 5.0        | S          | -                 |
| 11   | 6     | 13.7            | 19.2       | 10.7       | 13.4             | 13.6 | 13.8 | 14.4 | 15.3 | 16.6         | 95.7   | 9.0         | 2.1     | 0.2           | 3.3        | WSW        | -                 |
| 11   | 7     | 14.1            | 20.5       | 9.9        | 13.6             | 13.7 | 13.9 | 14.5 | 15.3 | 16.6         | 87.8   | 0.0         | 8.5     | 0.5           | 3.9        | S          | -                 |
| 11   | 8     | 13.5            | 20.7       | 8.3        | 13.4             | 13.7 | 13.9 | 14.5 | 15.2 | 16.5         | 83.4   | 0.0         | 5.8     | 0.5           | 4.0        | SW         | -                 |
| 11   | 9     | 11.3            | 14.2       | 8.8        | 13.4             | 13.9 | 14.1 | 14.5 | 15.2 | 16.4         | 98.5   | 7.0         | 0.1     | 0.3           | 4.6        | E          | -                 |
| 11   | 10    | 7.1             | 8.9        | 5.5        | 11.1             | 12.6 | 13.4 | 14.5 | 15.2 | 16.4         | 99.9   | 13.0        | 0.0     | 0.2           | 3.1        | ESE        | -                 |
| 11   | 11    | 7.2             | 8.9        | 5.3        | 10.2             | 11.4 | 12.3 | 14.2 | 15.1 | 16.3         | 99.3   | 13.0        | 0.0     | 0.0           | 2.6        | WSW        | -                 |
| 11   | 12    | 8.9             | 14.5       | 6.8        | 11.2             | 11.7 | 12.2 | 13.8 | 15.0 | 16.3         | 94.0   | 7.0         | 3.4     | 0.3           | 4.2        | SE         | -                 |
| 11   | 13    | 6.2             | 9.6        | 2.3        | 10.2             | 11.4 | 12.1 | 13.6 | 14.9 | 16.2         | 97.9   | 3.5         | 1.0     | 0.1           | 3.4        | E          | -                 |
| 11   | 14    | 5.8             | 13.1       | 0.9        | 9.2              | 10.4 | 11.3 | 13.4 | 14.8 | 16.1         | 86.3   | 0.0         | 8.4     | 0.6           | 3.9        | SSW        | -                 |
| 11   | 15    | 7.0             | 12.6       | 2.6        | 9.3              | 10.1 | 10.9 | 13.1 | 14.7 | 16.1         | 90.6   | 0.0         | 2.8     | 0.4           | 4.9        | ESE        | -                 |
| 11   | 16    | 13.1            | 23.1       | 7.0        | 11.2             | 11.1 | 11.4 | 12.8 | 14.6 | 16.0         | 73.9   | 0.0         | 5.4     | 0.9           | 7.8        | NW         | -                 |
| 11   | 17    | 6.8             | 14.8       | 1.2        | 9.3              | 10.5 | 11.2 | 12.8 | 14.5 | 16.0         | 65.0   | 0.0         | 8.2     | 0.7           | 6.4        | SW         | -                 |
| 11   | 18    | 5.4             | 13.3       | 0.5        | 7.5              | 9.0  | 10.1 | 12.6 | 14.4 | 15.9         | 60.9   | 0.0         | 7.7     | 0.4           | 3.7        | SSW        | -                 |
| 11   | 19    | 8.7             | 16.6       | 3.1        | 8.2              | 8.9  | 9.7  | 12.2 | 14.2 | 15.9         | 74.2   | 0.0         | 2.4     | 0.3           | 3.5        | NW         | -                 |
| 11   | 20    | 7.3             | 8.8        | 5.4        | 8.5              | 9.2  | 9.9  | 11.9 | 14.1 | 15.8         | 95.6   | 4.5         | 0.0     | 0.1           | 2.9        | SW         | -                 |
| 11   | 21    | 13.1            | 21.4       | 7.7        | 11.1             | 10.4 | 10.5 | 11.8 | 13.9 | 15.8         | 87.1   | 3.5         | 6.7     | 0.5           | 3.5        | SW         | -                 |
| 11   | 22    | 8.1             | 14.9       | 1.0        | 9.6              | 10.4 | 10.9 | 11.9 | 13.8 | 15.7         | 63.9   | 0.0         | 8.0     | 0.9           | 7.3        | NE         | -                 |
| 11   | 23    | 3.2             | 10.6       | -1.0       | 7.2              | 8.7  | 9.7  | 11.8 | 13.7 | 15.7         | 78.5   | 0.0         | 5.8     | 0.6           | 4.4        | SW         | -                 |
| 11   | 24    | 3.7             | 5.8        | 1.9        | 6.9              | 8.1  | 9.1  | 11.5 | 13.6 | 15.6         | 92.0   | 0.5         | 0.0     | 0.1           | 2.0        | SSE        | -                 |
| 11   | 25    | 6.1             | 8.0        | 3.7        | 7.3              | 8.0  | 8.8  | 11.1 | 13.4 | 15.5         | 99.4   | 32.5        | 0.0     | 0.2           | 4.2        | NW         | -                 |
| 11   | 26    | 6.5             | 14.5       | 1.9        | 7.7              | 8.2  | 8.9  | 10.8 | 13.2 | 15.5         | 80.2   | 0.0         | 7.8     | 0.6           | 4.3        | W          | -                 |
| 11   | 27    | 3.3             | 5.1        | 1.4        | 6.5              | 7.6  | 8.5  | 10.6 | 13.0 | 15.4         | 94.7   | 0.0         | 0.1     | 0.2           | 3.2        | ESE        | -                 |
| 11   | 28    | 4.3             | 6.5        | 2.5        | 6.7              | 7.6  | 8.4  | 10.5 | 12.9 | 15.3         | 91.0   | 0.0         | 0.0     | 0.1           | 2.2        | SW         | -                 |
| 11   | 29    | 7.3             | 9.8        | 4.3        | 7.7              | 8.0  | 8.5  | 10.3 | 12.7 | 15.2         | 99.5   | 29.5        | 0.0     | 0.0           | 2.0        | W          | -                 |
| 11   | 30    | 11.1            | 13.4       | 9.4        | 9.6              | 9.3  | 9.3  | 10.1 | 12.3 | 15.1         | 98.4   | 26.0        | 0.0     | 0.2           | 3.1        | NW         | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 155.0       | 109.2   |               |            |            |                   |
| 平均   | Mean  | 8.9             | 14.2       | 5.1        | 10.1             | 10.8 | 11.3 | 12.8 | 14.4 | 16.1         | 86.9   | 5.2         | 3.6     | 0.4           | 4.0        |            |                   |
| 最大   | Max.  | 14.1            | 23.1       | 10.7       | 13.6             | 13.9 | 14.1 | 14.5 | 15.7 | 17.0         | 99.9   | 32.5        | 8.5     | 0.9           | 7.8        |            |                   |
| 最低   | Min.  | 3.2             | 5.1        | -1.0       | 6.5              | 7.6  | 8.4  | 10.1 | 12.3 | 15.1         | 60.9   | 0.0         | 0.0     | 0.0           | 2.0        |            |                   |

2003年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 7.8             | 10.2       | 5.9        | 9.0              | 9.4 | 9.7 | 10.2 | 12.0 | 15.0         | 99.5   | 24.0        | 0.0     | 0.2           | 3.6        | E          | -                 |
| 12   | 2     | 8.0             | 16.6       | 3.3        | 8.7              | 9.0 | 9.4 | 10.3 | 11.9 | 14.8         | 80.7   | 0.0         | 7.6     | 0.9           | 5.8        | W          | -                 |
| 12   | 3     | 4.6             | 11.4       | 0.6        | 6.8              | 7.9 | 8.7 | 10.2 | 11.8 | 14.7         | 81.3   | 0.0         | 6.7     | 0.8           | 4.0        | WNW        | -                 |
| 12   | 4     | 3.5             | 12.3       | -0.6       | 5.9              | 7.0 | 7.9 | 10.0 | 11.8 | 14.6         | 77.5   | 0.0         | 6.6     | 0.7           | 5.0        | NW         | -                 |
| 12   | 5     | 1.5             | 6.5        | -1.6       | 4.7              | 6.1 | 7.2 | 9.7  | 11.7 | 14.5         | 86.6   | 0.0         | 1.4     | 0.4           | 4.3        | SE         | -                 |
| 12   | 6     | 7.1             | 13.2       | 0.4        | 6.2              | 6.5 | 7.2 | 9.3  | 11.7 | 14.5         | 84.2   | 1.5         | 3.4     | 2.1           | 16.3       | WNW        | -                 |
| 12   | 7     | 8.6             | 15.5       | -1.1       | 6.9              | 7.3 | 7.8 | 9.2  | 11.6 | 14.4         | 48.3   | 0.0         | 7.5     | 1.9           | 12.2       | W          | -                 |
| 12   | 8     | 2.0             | 9.6        | -2.3       | 4.5              | 5.9 | 6.9 | 9.2  | 11.5 | 14.3         | 71.5   | 0.0         | 7.4     | 0.7           | 4.1        | SW         | -                 |
| 12   | 9     | 2.4             | 11.0       | -1.6       | 3.9              | 5.1 | 6.2 | 8.8  | 11.4 | 14.2         | 66.7   | 0.0         | 7.4     | 0.9           | 7.1        | W          | -                 |
| 12   | 10    | 1.5             | 9.3        | -2.7       | 3.5              | 4.6 | 5.7 | 8.5  | 11.3 | 14.2         | 71.7   | 0.0         | 6.7     | 0.6           | 4.1        | SW         | -                 |
| 12   | 11    | 0.2             | 3.7        | -2.7       | 2.5              | 4.0 | 5.2 | 8.1  | 11.1 | 14.1         | 88.8   | 3.0         | 0.3     | 0.2           | 3.0        | E          | -                 |
| 12   | 12    | 2.9             | 7.0        | -0.5       | 3.9              | 4.5 | 5.3 | 7.8  | 10.9 | 14.0         | 98.9   | 5.0         | 0.0     | 0.2           | 3.4        | NW         | -                 |
| 12   | 13    | 2.3             | 10.9       | -1.9       | 3.4              | 4.4 | 5.3 | 7.7  | 10.8 | 14.0         | 67.9   | 0.0         | 5.9     | 0.8           | 8.8        | W          | -                 |
| 12   | 14    | 2.4             | 10.8       | -1.9       | 2.6              | 3.7 | 4.8 | 7.5  | 10.6 | 13.9         | 59.2   | 0.0         | 7.3     | 0.8           | 4.0        | W          | -                 |
| 12   | 15    | 1.9             | 9.9        | -2.1       | 2.5              | 3.4 | 4.4 | 7.2  | 10.4 | 13.8         | 73.9   | 0.0         | 7.3     | 0.8           | 5.0        | W          | -                 |
| 12   | 16    | 2.7             | 8.8        | -2.3       | 2.4              | 3.3 | 4.3 | 6.9  | 10.3 | 13.7         | 51.4   | 0.0         | 6.2     | 1.4           | 7.7        | W          | -                 |
| 12   | 17    | -0.2            | 6.0        | -3.0       | 1.2              | 2.8 | 3.9 | 6.7  | 10.1 | 13.7         | 71.7   | 0.0         | 4.2     | 0.6           | 4.6        | NE         | -                 |
| 12   | 18    | 3.7             | 9.9        | -1.6       | 2.4              | 2.9 | 3.8 | 6.5  | 9.9  | 13.6         | 55.1   | 0.0         | 7.1     | 1.5           | 10.5       | W          | -                 |
| 12   | 19    | 1.9             | 8.7        | -1.7       | 2.7              | 3.3 | 4.0 | 6.3  | 9.8  | 13.5         | 60.9   | 0.0         | 4.3     | 1.6           | 9.6        | W          | -                 |
| 12   | 20    | -1.7            | 1.6        | -5.0       | 1.6              | 2.9 | 3.9 | 6.3  | 9.6  | 13.4         | 63.3   | 1.5         | 4.2     | 2.8           | 14.2       | W          | -                 |
| 12   | 21    | 0.7             | 7.8        | -3.8       | 1.7              | 2.6 | 3.6 | 6.1  | 9.5  | 13.3         | 54.5   | 0.0         | 7.2     | 1.0           | 9.6        | WSW        | 2                 |
| 12   | 22    | 1.7             | 11.9       | -4.5       | 1.4              | 2.3 | 3.3 | 5.9  | 9.3  | 13.2         | 62.2   | 0.0         | 7.2     | 0.7           | 3.8        | W          | -                 |
| 12   | 23    | 3.3             | 12.9       | -1.7       | 1.8              | 2.3 | 3.2 | 5.7  | 9.2  | 13.1         | 58.5   | 0.0         | 7.2     | 0.8           | 3.3        | W          | -                 |
| 12   | 24    | 4.0             | 13.4       | -0.4       | 2.2              | 2.6 | 3.3 | 5.6  | 9.0  | 13.1         | 64.2   | 0.0         | 6.0     | 0.9           | 4.1        | W          | -                 |
| 12   | 25    | 4.3             | 11.9       | -0.9       | 2.4              | 2.8 | 3.4 | 5.5  | 8.9  | 13.0         | 65.5   | 0.0         | 7.2     | 0.8           | 4.0        | WNW        | -                 |
| 12   | 26    | 4.1             | 11.2       | 0.2        | 3.2              | 3.2 | 3.7 | 5.5  | 8.7  | 12.9         | 71.2   | 1.0         | 6.3     | 0.6           | 4.3        | SW         | -                 |
| 12   | 27    | -2.4            | 1.8        | -6.0       | 2.1              | 3.1 | 3.8 | 5.5  | 8.6  | 12.8         | 71.4   | 5.5         | 1.3     | 1.1           | 7.6        | NW         | 10                |
| 12   | 28    | -0.7            | 6.3        | -6.1       | 1.4              | 2.7 | 3.4 | 5.5  | 8.5  | 12.7         | 63.0   | 0.0         | 7.3     | 0.8           | 3.7        | NW         | -                 |
| 12   | 29    | 2.7             | 10.1       | -4.1       | 1.4              | 2.3 | 3.1 | 5.4  | 8.4  | 12.6         | 58.7   | 0.0         | 7.3     | 1.0           | 9.9        | WNW        | -                 |
| 12   | 30    | 2.9             | 10.8       | -2.1       | 2.3              | 2.6 | 3.2 | 5.2  | 8.3  | 12.5         | 68.0   | 0.0         | 7.2     | 0.6           | 4.4        | S          | -                 |
| 12   | 31    | 1.2             | 6.6        | -3.1       | 1.9              | 2.5 | 3.2 | 5.2  | 8.2  | 12.4         | 78.0   | 0.0         | 2.6     | 0.4           | 4.3        | W          | -                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 41.5        | 168.3   |               |            |            |                   |
| 平均   | Mean  | 2.7             | 9.6        | -1.8       | 3.5              | 4.3 | 5.1 | 7.3  | 10.2 | 13.7         | 70.1   | 1.3         | 5.4     | 0.9           | 6.3        |            | 6.0               |
| 最大   | Max.  | 8.6             | 16.6       | 5.9        | 9.0              | 9.4 | 9.7 | 10.3 | 12.0 | 15.0         | 99.5   | 24.0        | 7.6     | 2.8           | 16.3       |            | 10.0              |
| 最低   | Min.  | -2.4            | 1.6        | -6.1       | 1.2              | 2.3 | 3.1 | 5.2  | 8.2  | 12.4         | 48.3   | 0.0         | 0.0     | 0.2           | 3.0        |            | 2.0               |

2004年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 3.0             | 11.0       | -1.2       | 2.3              | 2.6 | 3.2 | 5.1 | 8.1 | 12.3         | 71.2   | 0.0         | 7.3     | 0.7           | 3.9        | WSW        | —                 |
| 01   | 2     | 3.6             | 11.7       | -0.9       | 2.5              | 2.8 | 3.3 | 5.0 | 8.0 | 12.2         | 68.3   | 0.0         | 7.0     | 0.8           | 4.5        | WNW        | —                 |
| 01   | 3     | 3.1             | 11.2       | -1.6       | 2.5              | 2.8 | 3.4 | 5.0 | 7.9 | 12.1         | 70.0   | 0.0         | 7.4     | 0.7           | 4.1        | WSW        | —                 |
| 01   | 4     | 1.2             | 9.3        | -2.4       | 2.0              | 2.6 | 3.2 | 5.0 | 7.8 | 12.0         | 64.9   | 0.0         | 6.8     | 0.8           | 4.6        | W          | —                 |
| 01   | 5     | 0.8             | 7.8        | -3.7       | 1.6              | 2.2 | 3.0 | 4.9 | 7.8 | 11.9         | 72.6   | 0.0         | 6.8     | 0.6           | 5.2        | SSW        | —                 |
| 01   | 6     | 0.5             | 9.3        | -3.3       | 1.6              | 2.2 | 2.8 | 4.8 | 7.7 | 11.9         | 66.6   | 0.0         | 7.3     | 0.7           | 4.8        | S          | —                 |
| 01   | 7     | -0.7            | 6.9        | -4.1       | 1.1              | 1.9 | 2.6 | 4.7 | 7.6 | 11.8         | 71.5   | 0.0         | 6.4     | 0.5           | 5.0        | SSW        | 3                 |
| 01   | 8     | -1.0            | 3.8        | -4.4       | 0.7              | 1.6 | 2.4 | 4.6 | 7.5 | 11.7         | 56.5   | 0.5         | 6.9     | 1.7           | 11.6       | W          | —                 |
| 01   | 9     | 0.0             | 7.7        | -4.4       | 0.5              | 1.3 | 2.2 | 4.4 | 7.4 | 11.6         | 41.5   | 0.0         | 7.5     | 0.9           | 6.8        | WSW        | —                 |
| 01   | 10    | 0.0             | 7.7        | -5.9       | 0.3              | 1.2 | 2.0 | 4.3 | 7.3 | 11.5         | 58.2   | 0.0         | 6.8     | 0.7           | 7.9        | WSW        | —                 |
| 01   | 11    | 0.4             | 8.1        | -4.5       | 0.6              | 1.2 | 1.9 | 4.1 | 7.2 | 11.5         | 49.9   | 0.0         | 7.6     | 1.0           | 8.2        | ESE        | —                 |
| 01   | 12    | -1.3            | 5.8        | -7.0       | 0.2              | 1.0 | 1.8 | 4.0 | 7.1 | 11.4         | 55.7   | 0.0         | 7.3     | 0.6           | 4.3        | SE         | —                 |
| 01   | 13    | 0.4             | 9.0        | -3.2       | 0.7              | 1.1 | 1.8 | 3.9 | 7.0 | 11.3         | 60.6   | 0.0         | 3.8     | 1.8           | 9.1        | W          | 0.5               |
| 01   | 14    | -1.9            | 2.0        | -4.4       | 0.5              | 1.1 | 1.8 | 3.8 | 6.9 | 11.2         | 45.0   | 0.0         | 6.8     | 2.9           | 16.2       | W          | —                 |
| 01   | 15    | -0.9            | 5.3        | -5.3       | 0.2              | 0.9 | 1.6 | 3.8 | 6.8 | 11.2         | 37.6   | 0.0         | 7.7     | 1.7           | 8.9        | W          | —                 |
| 01   | 16    | -2.6            | 5.5        | -7.8       | -0.1             | 0.8 | 1.5 | 3.7 | 6.7 | 11.1         | 54.7   | 0.0         | 7.4     | 0.7           | 3.9        | ESE        | —                 |
| 01   | 17    | -3.7            | -2.5       | -5.1       | -0.1             | 0.7 | 1.4 | 3.6 | 6.7 | 11.0         | 85.9   | 3.0         | 0.0     | 0.2           | 2.7        | SSW        | —                 |
| 01   | 18    | -1.2            | 4.5        | -4.4       | 0.0              | 0.7 | 1.4 | 3.5 | 6.6 | 10.9         | 86.9   | 0.0         | 4.9     | 0.4           | 3.1        | SSW        | 9                 |
| 01   | 19    | -0.8            | 5.4        | -3.4       | 0.1              | 0.7 | 1.4 | 3.4 | 6.5 | 10.9         | 93.4   | 4.5         | 3.0     | 0.3           | 3.5        | W          | 8                 |
| 01   | 20    | 0.1             | 8.1        | -4.8       | 0.3              | 0.8 | 1.4 | 3.4 | 6.4 | 10.8         | 69.7   | 0.0         | 7.9     | 0.9           | 4.3        | WSW        | —                 |
| 01   | 21    | 0.2             | 6.4        | -3.5       | 0.3              | 0.8 | 1.4 | 3.3 | 6.3 | 10.7         | 78.9   | 0.0         | 3.4     | 0.6           | 7.7        | WNW        | —                 |
| 01   | 22    | -2.3            | 5.4        | -6.1       | 0.3              | 0.8 | 1.4 | 3.3 | 6.2 | 10.6         | 45.8   | 0.0         | 8.0     | 2.0           | 11.5       | W          | —                 |
| 01   | 23    | -1.9            | 4.5        | -7.1       | 0.0              | 0.7 | 1.3 | 3.3 | 6.2 | 10.6         | 41.9   | 0.0         | 6.4     | 1.6           | 10.2       | W          | —                 |
| 01   | 24    | -1.1            | 6.1        | -5.9       | -0.1             | 0.6 | 1.2 | 3.2 | 6.1 | 10.5         | 44.7   | 0.0         | 6.0     | 0.9           | 6.7        | W          | —                 |
| 01   | 25    | -2.4            | 6.7        | -7.5       | -0.2             | 0.5 | 1.2 | 3.1 | 6.0 | 10.4         | 61.3   | 1.0         | 4.5     | 0.9           | 6.4        | SW         | —                 |
| 01   | 26    | -2.9            | 5.5        | -8.1       | 0.0              | 0.5 | 1.1 | 3.1 | 6.0 | 10.4         | 73.5   | 0.0         | 5.2     | 0.7           | 3.5        | WSW        | 3                 |
| 01   | 27    | -1.8            | 6.4        | -6.1       | -0.1             | 0.5 | 1.1 | 3.0 | 5.9 | 10.3         | 63.2   | 0.0         | 2.4     | 0.8           | 4.7        | W          | —                 |
| 01   | 28    | -1.0            | 8.4        | -7.5       | 0.1              | 0.5 | 1.1 | 3.0 | 5.8 | 10.2         | 52.7   | 0.0         | 8.4     | 0.9           | 4.3        | W          | 0.5               |
| 01   | 29    | 1.2             | 9.5        | -3.7       | 0.4              | 0.6 | 1.1 | 2.9 | 5.7 | 10.2         | 58.5   | 0.0         | 8.2     | 1.0           | 5.1        | WSW        | —                 |
| 01   | 30    | 0.0             | 8.2        | -5.1       | 0.3              | 0.6 | 1.1 | 2.9 | 5.7 | 10.1         | 69.1   | 0.0         | 5.2     | 0.5           | 3.5        | WSW        | —                 |
| 01   | 31    | 0.7             | 10.3       | -4.7       | 0.6              | 0.7 | 1.2 | 2.8 | 5.6 | 10.0         | 52.8   | 0.0         | 8.6     | 0.9           | 7.3        | WSW        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 9.0         | 192.7   |               |            |            |                   |
| 平均   | Mean  | -0.4            | 6.9        | -4.7       | 0.6              | 1.2 | 1.8 | 3.8 | 6.8 | 11.1         | 62.0   | 0.3         | 6.2     | 1.0           | 6.2        |            | 4.0               |
| 最大   | Max.  | 3.6             | 11.7       | -0.9       | 2.5              | 2.8 | 3.4 | 5.1 | 8.1 | 12.3         | 93.4   | 4.5         | 8.6     | 2.9           | 16.2       |            | 9.0               |
| 最低   | Min.  | -3.7            | -2.5       | -8.1       | -0.2             | 0.5 | 1.1 | 2.8 | 5.6 | 10.0         | 37.6   | 0.0         | 0.0     | 0.2           | 2.7        |            | 0.5               |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 02   | 1     | 0.3             | 8.8  | -5.1 | 0.4              | 0.6 | 1.1 | 2.8 | 5.5 | 9.9       | 52.8   | 0.0      | 8.2     | 0.7           | 4.2  | SW   | —              |
| 02   | 2     | -1.3            | 0.7  | -3.6 | 0.0              | 0.5 | 1.1 | 2.8 | 5.5 | 9.9       | 86.8   | 5.5      | 0.0     | 0.3           | 3.2  | W    | 7              |
| 02   | 3     | 1.6             | 4.8  | -0.7 | 0.0              | 0.5 | 1.1 | 2.8 | 5.4 | 9.8       | 95.9   | 0.0      | 0.2     | 0.2           | 3.3  | N    | —              |
| 02   | 4     | 0.6             | 7.7  | -4.5 | 0.6              | 0.6 | 1.1 | 2.7 | 5.4 | 9.7       | 55.3   | 0.0      | 8.8     | 1.3           | 7.8  | W    | —              |
| 02   | 5     | -0.8            | 4.9  | -5.5 | 0.1              | 0.6 | 1.1 | 2.7 | 5.3 | 9.7       | 51.5   | 0.0      | 4.4     | 1.5           | 9.8  | W    | —              |
| 02   | 6     | -1.3            | 6.7  | -7.9 | 0.4              | 0.6 | 1.1 | 2.7 | 5.3 | 9.6       | 51.7   | 0.0      | 7.7     | 1.3           | 7.5  | WSW  | 1              |
| 02   | 7     | -0.8            | 5.0  | -5.4 | 0.4              | 0.6 | 1.1 | 2.7 | 5.2 | 9.5       | 36.5   | 0.0      | 7.4     | 1.8           | 11.8 | W    | —              |
| 02   | 8     | -0.8            | 8.3  | -7.1 | 0.3              | 0.6 | 1.1 | 2.6 | 5.2 | 9.5       | 45.8   | 0.0      | 9.1     | 0.9           | 5.4  | WSW  | —              |
| 02   | 9     | 0.0             | 9.7  | -4.6 | 0.5              | 0.6 | 1.1 | 2.6 | 5.1 | 9.4       | 53.5   | 0.0      | 5.7     | 0.9           | 4.5  | S    | —              |
| 02   | 10    | -1.3            | 7.2  | -7.2 | 0.5              | 0.6 | 1.1 | 2.6 | 5.1 | 9.3       | 60.7   | 0.0      | 7.8     | 0.6           | 4.7  | S    | —              |
| 02   | 11    | -0.5            | 8.0  | -6.8 | 0.5              | 0.6 | 1.1 | 2.6 | 5.0 | 9.3       | 70.1   | 0.0      | 6.5     | 0.7           | 4.4  | SW   | —              |
| 02   | 12    | 1.5             | 10.9 | -3.7 | 0.9              | 0.8 | 1.2 | 2.6 | 5.0 | 9.2       | 57.7   | 0.0      | 8.4     | 0.9           | 4.6  | WSW  | —              |
| 02   | 13    | 1.5             | 9.4  | -4.1 | 1.0              | 0.9 | 1.2 | 2.6 | 5.0 | 9.2       | 55.8   | 0.0      | 8.3     | 0.9           | 4.9  | SW   | —              |
| 02   | 14    | 4.2             | 13.2 | -2.7 | 2.3              | 1.4 | 1.5 | 2.6 | 4.9 | 9.1       | 68.9   | 6.0      | 8.3     | 1.4           | 13.6 | WSW  | —              |
| 02   | 15    | 2.7             | 8.2  | -2.3 | 2.3              | 1.8 | 1.8 | 2.6 | 4.9 | 9.0       | 53.6   | 0.5      | 8.8     | 2.1           | 13.3 | W    | —              |
| 02   | 16    | 1.2             | 9.9  | -3.9 | 2.1              | 1.9 | 1.9 | 2.7 | 4.9 | 9.0       | 45.5   | 0.0      | 9.7     | 1.8           | 10.1 | WSW  | 2              |
| 02   | 17    | 2.5             | 13.3 | -4.9 | 1.8              | 1.9 | 1.9 | 2.8 | 4.8 | 8.9       | 50.2   | 0.0      | 8.6     | 1.6           | 13.1 | W    | —              |
| 02   | 18    | 3.0             | 11.9 | -2.8 | 2.7              | 2.4 | 2.2 | 2.9 | 4.8 | 8.9       | 44.1   | 0.0      | 9.9     | 1.1           | 7.6  | ESE  | —              |
| 02   | 19    | 3.6             | 13.5 | -2.9 | 2.8              | 2.6 | 2.5 | 3.0 | 4.8 | 8.8       | 50.1   | 0.0      | 9.5     | 0.8           | 4.5  | WSW  | —              |
| 02   | 20    | 5.4             | 17.1 | -0.5 | 3.7              | 3.1 | 2.8 | 3.2 | 4.8 | 8.8       | 55.7   | 0.0      | 9.8     | 0.7           | 5.2  | SSW  | —              |
| 02   | 21    | 6.5             | 17.1 | -1.4 | 4.2              | 3.7 | 3.3 | 3.3 | 4.9 | 8.7       | 58.1   | 0.0      | 7.2     | 0.7           | 4.1  | WSW  | —              |
| 02   | 22    | 11.0            | 18.4 | 3.5  | 5.7              | 4.5 | 3.9 | 3.6 | 4.9 | 8.6       | 60.3   | 24.5     | 5.7     | 2.7           | 17.2 | W    | —              |
| 02   | 23    | 5.0             | 13.6 | -0.7 | 6.4              | 6.0 | 5.3 | 4.0 | 4.9 | 8.6       | 53.9   | 5.0      | 5.5     | 2.8           | 19.3 | WNW  | —              |
| 02   | 24    | 2.3             | 9.6  | -3.5 | 3.9              | 4.3 | 4.4 | 4.4 | 5.0 | 8.6       | 50.2   | 0.0      | 8.8     | 0.9           | 6.6  | SSE  | —              |
| 02   | 25    | 5.7             | 14.2 | -0.3 | 4.8              | 4.5 | 4.3 | 4.4 | 5.0 | 8.5       | 50.9   | 0.0      | 8.4     | 0.9           | 4.3  | E    | —              |
| 02   | 26    | 6.4             | 15.8 | 0.0  | 5.5              | 5.0 | 4.7 | 4.5 | 5.1 | 8.5       | 43.8   | 0.0      | 8.1     | 1.8           | 13.1 | W    | —              |
| 02   | 27    | 1.0             | 9.2  | -4.7 | 4.8              | 4.8 | 4.7 | 4.6 | 5.2 | 8.4       | 49.5   | 0.0      | 10.0    | 1.0           | 5.6  | SE   | —              |
| 02   | 28    | 2.2             | 11.0 | -4.7 | 4.4              | 4.4 | 4.4 | 4.7 | 5.3 | 8.4       | 59.9   | 0.0      | 10.0    | 0.8           | 4.7  | SSW  | —              |
| 02   | 29    | 6.2             | 15.0 | -0.7 | 4.8              | 4.7 | 4.5 | 4.7 | 5.4 | 8.3       | 68.5   | 0.0      | 3.3     | 1.1           | 10.0 | WNW  | —              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 41.5     | 214.2   |               |      |      |                |
| 平均   | Mean  | 2.3             | 10.4 | -3.4 | 2.3              | 2.3 | 2.4 | 3.2 | 5.1 | 9.1       | 56.5   | 1.4      | 7.4     | 1.2           | 7.9  |      | 3.3            |
| 最大   | Max.  | 11.0            | 18.4 | 3.5  | 6.4              | 6.0 | 5.3 | 4.7 | 5.5 | 9.9       | 95.9   | 24.5     | 10.0    | 2.8           | 19.3 |      | 7.0            |
| 最低   | Min.  | -1.3            | 0.7  | -7.9 | 0.0              | 0.5 | 1.1 | 2.6 | 4.8 | 8.3       | 36.5   | 0.0      | 0.0     | 0.2           | 3.2  |      | 1.0            |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 03   | 1     | 0.1             | 2.2  | -2.8 | 3.2              | 4.2 | 4.5 | 4.8 | 5.5 | 8.3       | 92.8   | 0.0      | 0.4     | 0.2           | 3.4  | ESE  | —              |
| 03   | 2     | -0.2            | 6.7  | -5.2 | 2.8              | 3.5 | 3.9 | 4.8 | 5.5 | 8.3       | 77.8   | 0.0      | 4.9     | 0.7           | 4.9  | SE   | —              |
| 03   | 3     | -0.4            | 5.7  | -5.3 | 2.9              | 3.4 | 3.8 | 4.7 | 5.6 | 8.3       | 63.2   | 0.0      | 4.4     | 0.7           | 4.2  | SE   | —              |
| 03   | 4     | -0.6            | 5.1  | -4.8 | 2.7              | 3.4 | 3.7 | 4.7 | 5.6 | 8.3       | 70.3   | 0.0      | 3.5     | 0.8           | 5.5  | ESE  | —              |
| 03   | 5     | 0.5             | 9.0  | -6.8 | 2.5              | 2.9 | 3.4 | 4.6 | 5.7 | 8.3       | 43.9   | 0.0      | 8.0     | 1.4           | 13.9 | W    | —              |
| 03   | 6     | -0.2            | 5.9  | -5.3 | 2.2              | 2.8 | 3.3 | 4.5 | 5.7 | 8.3       | 75.9   | 4.0      | 2.1     | 1.4           | 10.3 | W    | —              |
| 03   | 7     | -3.3            | 3.4  | -7.5 | 2.0              | 2.5 | 3.1 | 4.4 | 5.7 | 8.3       | 57.4   | 0.0      | 4.9     | 1.6           | 11.6 | W    | —              |
| 03   | 8     | -1.2            | 9.5  | -9.2 | 2.4              | 2.6 | 2.9 | 4.3 | 5.7 | 8.3       | 47.3   | 0.0      | 9.9     | 0.9           | 6.7  | S    | —              |
| 03   | 9     | 2.8             | 13.3 | -4.1 | 3.7              | 3.3 | 3.2 | 4.2 | 5.7 | 8.3       | 47.6   | 0.0      | 8.8     | 0.9           | 5.8  | SW   | —              |
| 03   | 10    | 6.4             | 16.8 | -1.7 | 5.2              | 4.3 | 3.9 | 4.2 | 5.6 | 8.3       | 48.9   | 0.0      | 9.9     | 0.9           | 11.1 | SSW  | —              |
| 03   | 11    | 12.4            | 19.2 | 5.6  | 7.3              | 5.9 | 5.1 | 4.5 | 5.6 | 8.3       | 53.8   | 0.0      | 4.0     | 2.3           | 11.8 | W    | —              |
| 03   | 12    | 4.8             | 8.7  | -0.8 | 5.7              | 5.9 | 5.6 | 4.9 | 5.6 | 8.3       | 66.6   | 0.0      | 0.1     | 0.6           | 4.3  | ESE  | —              |
| 03   | 13    | 4.6             | 15.9 | -2.0 | 5.7              | 5.4 | 5.2 | 5.2 | 5.7 | 8.3       | 45.6   | 0.0      | 10.0    | 1.0           | 7.3  | SSW  | —              |
| 03   | 14    | 4.1             | 12.8 | -2.0 | 5.7              | 5.5 | 5.4 | 5.3 | 5.7 | 8.2       | 53.6   | 0.0      | 7.6     | 0.9           | 5.5  | SSE  | —              |
| 03   | 15    | 4.6             | 12.5 | -1.9 | 5.9              | 5.6 | 5.4 | 5.4 | 5.8 | 8.2       | 64.8   | 0.0      | 6.0     | 0.7           | 4.9  | SSW  | —              |
| 03   | 16    | 6.4             | 14.4 | 0.9  | 7.1              | 6.3 | 5.9 | 5.5 | 5.9 | 8.2       | 75.4   | 0.0      | 6.3     | 0.7           | 5.1  | S    | —              |
| 03   | 17    | 12.0            | 23.0 | 2.2  | 9.0              | 7.4 | 6.7 | 5.8 | 6.0 | 8.2       | 61.2   | 0.0      | 9.7     | 1.6           | 8.8  | WSW  | —              |
| 03   | 18    | 8.2             | 15.4 | 0.5  | 8.4              | 8.2 | 7.6 | 6.2 | 6.0 | 8.2       | 83.6   | 3.5      | 0.0     | 1.3           | 11.3 | E    | —              |
| 03   | 19    | 3.0             | 9.9  | -1.4 | 7.7              | 7.5 | 7.2 | 6.5 | 6.1 | 8.2       | 74.7   | 0.5      | 8.1     | 0.6           | 5.7  | SE   | —              |
| 03   | 20    | 0.4             | 1.8  | -1.3 | 5.0              | 6.5 | 6.8 | 6.7 | 6.3 | 8.2       | 93.7   | 5.0      | 0.0     | 0.1           | 2.6  | ESE  | —              |
| 03   | 21    | 2.6             | 9.4  | -2.0 | 5.9              | 5.9 | 6.1 | 6.6 | 6.4 | 8.2       | 78.4   | 0.0      | 6.5     | 0.6           | 5.0  | SE   | —              |
| 03   | 22    | -0.2            | 1.7  | -1.0 | 3.9              | 5.2 | 5.8 | 6.5 | 6.5 | 8.2       | 95.4   | 17.0     | 0.0     | 0.0           | 1.9  | SSE  | 23             |
| 03   | 23    | 0.8             | 3.7  | -1.1 | 3.3              | 4.4 | 5.1 | 6.3 | 6.6 | 8.2       | 95.9   | 3.0      | 0.0     | 0.0           | 1.9  | S    | —              |
| 03   | 24    | 1.7             | 4.7  | 0.3  | 3.0              | 3.9 | 4.7 | 6.0 | 6.6 | 8.2       | 96.5   | 0.0      | 0.4     | 0.1           | 2.3  | SE   | —              |
| 03   | 25    | 3.9             | 7.0  | 0.5  | 3.9              | 4.0 | 4.5 | 5.8 | 6.6 | 8.2       | 95.0   | 0.5      | 1.4     | 0.1           | 2.6  | W    | —              |
| 03   | 26    | 4.8             | 11.8 | 0.0  | 6.5              | 5.5 | 5.2 | 5.6 | 6.6 | 8.2       | 68.0   | 2.0      | 6.0     | 1.4           | 9.3  | WSW  | —              |
| 03   | 27    | 6.0             | 15.7 | -0.2 | 6.6              | 6.1 | 5.8 | 5.8 | 6.6 | 8.2       | 45.9   | 0.0      | 9.8     | 1.1           | 8.8  | ESE  | —              |
| 03   | 28    | 7.6             | 17.4 | 0.5  | 7.5              | 6.8 | 6.3 | 6.0 | 6.5 | 8.3       | 50.7   | 0.0      | 9.8     | 0.9           | 5.4  | SSE  | —              |
| 03   | 29    | 9.9             | 19.6 | 1.7  | 8.2              | 7.4 | 6.9 | 6.2 | 6.5 | 8.3       | 54.7   | 0.0      | 7.9     | 0.8           | 4.3  | S    | —              |
| 03   | 30    | 10.7            | 16.3 | 6.1  | 8.8              | 8.2 | 7.6 | 6.5 | 6.6 | 8.3       | 71.1   | 23.5     | 1.4     | 1.4           | 10.8 | WSW  | —              |
| 03   | 31    | 9.7             | 18.1 | 1.4  | 10.6             | 9.4 | 8.5 | 7.0 | 6.6 | 8.3       | 78.4   | 6.5      | 9.8     | 1.0           | 6.3  | ESE  | —              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 65.5     | 161.7   |               |      |      |                |
| 平均   | Mean  | 3.9             | 10.9 | -1.5 | 5.3              | 5.3 | 5.3 | 5.5 | 6.0 | 8.2       | 68.6   | 2.1      | 5.2     | 0.9           | 6.5  |      | 23.0           |
| 最大   | Max.  | 12.4            | 23.0 | 6.1  | 10.6             | 9.4 | 8.5 | 7.0 | 6.6 | 8.3       | 96.5   | 23.5     | 10.0    | 2.3           | 13.9 |      | 23.0           |
| 最低   | Min.  | -3.3            | 1.7  | -9.2 | 2.0              | 2.5 | 2.9 | 4.2 | 5.5 | 8.2       | 43.9   | 0.0      | 0.0     | 0.0           | 1.9  |      | 23.0           |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 7.4             | 16.0       | -1.1       | 9.3              | 9.0  | 8.6  | 7.4  | 6.7  | 8.3          | 63.6   | 0.0         | 9.8     | 0.7           | 5.2        | SE         | —                 |
| 04   | 2     | 11.3            | 20.7       | 5.8        | 10.6             | 9.8  | 9.0  | 7.7  | 6.8  | 8.2          | 56.6   | 8.0         | 7.4     | 3.3           | 17.2       | W          | —                 |
| 04   | 3     | 10.9            | 18.3       | 4.8        | 10.0             | 9.6  | 9.2  | 8.0  | 7.0  | 8.2          | 35.7   | 0.0         | 8.6     | 2.0           | 12.9       | W          | —                 |
| 04   | 4     | 2.2             | 5.4        | -0.3       | 7.1              | 8.4  | 8.7  | 8.2  | 7.2  | 8.2          | 94.0   | 17.5        | 0.0     | 0.1           | 2.2        | ESE        | —                 |
| 04   | 5     | 5.0             | 13.8       | -0.7       | 7.8              | 7.6  | 7.7  | 8.1  | 7.3  | 8.2          | 83.3   | 0.5         | 9.8     | 0.6           | 4.3        | SSE        | 3                 |
| 04   | 6     | 8.2             | 16.9       | 0.9        | 8.9              | 8.4  | 8.1  | 7.9  | 7.4  | 8.2          | 77.3   | 0.0         | 7.7     | 0.6           | 4.7        | SE         | —                 |
| 04   | 7     | 12.0            | 20.4       | 4.8        | 10.6             | 9.6  | 8.9  | 8.0  | 7.5  | 8.2          | 70.9   | 0.0         | 7.7     | 0.8           | 4.9        | SSE        | —                 |
| 04   | 8     | 8.9             | 15.8       | 1.8        | 11.6             | 10.8 | 10.0 | 8.4  | 7.6  | 8.2          | 58.9   | 0.5         | 8.3     | 0.9           | 8.2        | SE         | —                 |
| 04   | 9     | 8.3             | 17.5       | -0.6       | 10.4             | 10.1 | 9.7  | 8.7  | 7.7  | 8.3          | 60.9   | 0.0         | 9.8     | 0.8           | 4.7        | SSE        | —                 |
| 04   | 10    | 12.9            | 23.2       | 4.2        | 11.4             | 10.7 | 10.0 | 8.9  | 7.8  | 8.3          | 42.4   | 0.0         | 9.7     | 0.9           | 5.7        | ESE        | —                 |
| 04   | 11    | 12.1            | 19.8       | 6.5        | 11.8             | 11.2 | 10.5 | 9.1  | 7.9  | 8.3          | 67.4   | 0.0         | 2.2     | 0.7           | 5.7        | SE         | —                 |
| 04   | 12    | 15.0            | 24.5       | 7.5        | 13.1             | 11.9 | 11.1 | 9.4  | 8.1  | 8.4          | 56.4   | 0.0         | 9.2     | 0.9           | 4.9        | ESE        | —                 |
| 04   | 13    | 8.1             | 13.4       | 4.2        | 11.2             | 11.7 | 11.3 | 9.8  | 8.2  | 8.4          | 83.5   | 0.0         | 3.2     | 0.7           | 5.7        | ESE        | —                 |
| 04   | 14    | 8.3             | 12.5       | 4.2        | 10.5             | 10.6 | 10.5 | 9.9  | 8.4  | 8.4          | 92.0   | 1.0         | 0.6     | 0.2           | 2.5        | SSE        | —                 |
| 04   | 15    | 11.1            | 19.9       | 2.7        | 11.6             | 11.1 | 10.7 | 9.9  | 8.5  | 8.5          | 61.5   | 0.0         | 10.1    | 0.9           | 5.2        | SE         | —                 |
| 04   | 16    | 12.6            | 20.5       | 6.4        | 12.4             | 11.8 | 11.2 | 10.0 | 8.7  | 8.5          | 58.4   | 0.0         | 5.4     | 0.6           | 4.6        | SE         | —                 |
| 04   | 17    | 15.6            | 24.0       | 9.0        | 12.8             | 12.1 | 11.5 | 10.2 | 8.8  | 8.6          | 39.7   | 0.0         | 9.8     | 1.9           | 14.6       | WNW        | —                 |
| 04   | 18    | 13.3            | 21.4       | 5.5        | 12.9             | 12.3 | 11.7 | 10.4 | 8.9  | 8.6          | 61.1   | 0.0         | 9.6     | 0.7           | 5.5        | SE         | —                 |
| 04   | 19    | 13.4            | 18.8       | 9.7        | 12.0             | 12.1 | 11.8 | 10.6 | 9.1  | 8.7          | 65.0   | 8.0         | 0.2     | 2.1           | 14.5       | WNW        | —                 |
| 04   | 20    | 15.7            | 26.2       | 9.8        | 14.3             | 13.0 | 12.2 | 10.8 | 9.2  | 8.7          | 72.3   | 5.0         | 7.9     | 0.7           | 5.9        | S          | —                 |
| 04   | 21    | 15.0            | 26.1       | 5.2        | 13.7             | 13.3 | 12.7 | 11.1 | 9.3  | 8.8          | 41.4   | 0.0         | 10.2    | 0.8           | 4.8        | SSW        | —                 |
| 04   | 22    | 19.8            | 30.7       | 10.4       | 14.9             | 13.9 | 13.1 | 11.3 | 9.5  | 8.8          | 34.1   | 0.0         | 10.0    | 1.6           | 11.2       | WNW        | —                 |
| 04   | 23    | 16.7            | 25.9       | 7.3        | 14.7             | 14.2 | 13.5 | 11.6 | 9.6  | 8.9          | 42.5   | 0.0         | 3.4     | 1.4           | 10.9       | W          | —                 |
| 04   | 24    | 7.3             | 15.1       | 0.6        | 11.7             | 12.8 | 12.8 | 11.8 | 9.8  | 9.0          | 38.6   | 0.0         | 6.1     | 1.3           | 7.6        | WSW        | —                 |
| 04   | 25    | 8.7             | 17.4       | -0.2       | 10.9             | 11.3 | 11.5 | 11.7 | 10.0 | 9.0          | 36.0   | 0.0         | 9.2     | 1.4           | 7.0        | W          | —                 |
| 04   | 26    | 11.9            | 19.6       | 4.6        | 11.9             | 11.8 | 11.6 | 11.4 | 10.1 | 9.1          | 46.7   | 0.0         | 8.4     | 0.9           | 5.4        | ESE        | —                 |
| 04   | 27    | 12.3            | 17.3       | 6.8        | 12.2             | 12.2 | 11.9 | 11.4 | 10.2 | 9.1          | 87.9   | 25.5        | 0.0     | 3.2           | 20.4       | W          | —                 |
| 04   | 28    | 12.2            | 18.1       | 6.8        | 12.6             | 12.6 | 12.2 | 11.5 | 10.2 | 9.2          | 56.1   | 0.0         | 5.3     | 1.6           | 8.7        | W          | —                 |
| 04   | 29    | 13.5            | 23.3       | 5.3        | 12.3             | 12.2 | 12.0 | 11.6 | 10.3 | 9.3          | 31.6   | 0.0         | 10.5    | 1.2           | 9.1        | WNW        | —                 |
| 04   | 30    | 15.9            | 25.2       | 7.4        | 13.5             | 12.9 | 12.4 | 11.6 | 10.4 | 9.4          | 49.5   | 0.0         | 5.2     | 0.6           | 4.9        | SSE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 66.0        | 205.2   |               |            |            |                   |
| 平均   | Mean  | 11.5            | 19.6       | 4.7        | 11.6             | 11.3 | 10.9 | 9.9  | 8.6  | 8.6          | 58.8   | 2.2         | 6.8     | 1.1           | 7.6        |            | 3.0               |
| 最大   | Max.  | 19.8            | 30.7       | 10.4       | 14.9             | 14.2 | 13.5 | 11.8 | 10.4 | 9.4          | 94.0   | 25.5        | 10.5    | 3.3           | 20.4       |            | 3.0               |
| 最低   | Min.  | 2.2             | 5.4        | -1.1       | 7.1              | 7.6  | 7.7  | 7.4  | 6.7  | 8.2          | 31.6   | 0.0         | 0.0     | 0.1           | 2.2        |            | 3.0               |

代替機器観測日 (The date of observation by alternative hardwares)



2004年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 16.4            | 24.6       | 9.1        | 15.1             | 14.2 | 13.4 | 11.8 | 10.5 | 9.4          | 58.2   | 0.0         |         | 0.7           | 5.0        | ESE        | —                 |
| 05   | 2     | 8.8             | 16.0       | 5.3        | 13.0             | 13.6 | 13.3 | 12.2 | 10.6 | 9.5          | 79.0   | 0.0         |         | 0.6           | 4.3        | SE         | —                 |
| 05   | 3     | 13.1            | 23.8       | 4.5        | 13.9             | 13.4 | 13.0 | 12.3 | 10.7 | 9.6          | 78.0   | 0.0         |         | 0.7           | 10.6       | S          | —                 |
| 05   | 4     | 18.2            | 23.5       | 11.7       | 15.7             | 14.7 | 13.9 | 12.4 | 10.8 | 9.7          | 74.8   | 2.0         |         | 2.0           | 10.9       | WNW        | —                 |
| 05   | 5     | 10.0            | 15.3       | 7.2        | 13.7             | 14.4 | 14.2 | 12.7 | 10.9 | 9.7          | 98.5   | 27.0        |         | 0.4           | 3.7        | E          | —                 |
| 05   | 6     | 9.1             | 11.7       | 7.0        | 12.4             | 13.0 | 13.1 | 12.9 | 11.0 | 9.8          | 95.6   | 0.0         |         | 0.3           | 3.4        | ESE        | —                 |
| 05   | 7     | 13.9            | 23.1       | 5.3        | 13.7             | 13.3 | 13.0 | 12.7 | 11.2 | 9.9          | 74.0   | 0.0         |         | 0.6           | 5.1        | ESE        | —                 |
| 05   | 8     | 13.4            | 16.8       | 10.9       | 14.0             | 14.0 | 13.7 | 12.8 | 11.3 | 10.0         | 87.2   | 0.0         |         | 0.1           | 2.5        | S          | —                 |
| 05   | 9     | 12.3            | 15.9       | 9.6        | 13.3             | 13.5 | 13.5 | 12.9 | 11.4 | 10.0         | 94.7   | 0.5         |         | 0.3           | 2.8        | ESE        | —                 |
| 05   | 10    | 13.7            | 16.2       | 11.9       | 13.9             | 13.7 | 13.5 | 12.9 | 11.5 | 10.1         | 98.8   | 8.0         |         | 0.3           | 4.9        | ESE        | —                 |
| 05   | 11    | 18.1            | 27.4       | 10.6       | 15.6             | 14.7 | 14.1 | 13.0 | 11.5 | 10.2         | 77.9   | 0.0         |         | 0.5           | 4.8        | ESE        | —                 |
| 05   | 12    | 16.8            | 26.3       | 11.1       | 16.1             | 15.7 | 15.0 | 13.3 | 11.6 | 10.2         | 77.0   | 0.0         |         | 0.5           | 4.2        | ESE        | —                 |
| 05   | 13    | 17.2            | 23.7       | 11.5       | 15.9             | 15.6 | 15.1 | 13.6 | 11.7 | 10.3         | 76.2   | 9.0         |         | 1.7           | 10.3       | WNW        | —                 |
| 05   | 14    | 16.2            | 20.9       | 10.1       | 16.2             | 16.0 | 15.5 | 13.9 | 11.8 | 10.4         | 92.6   | 0.0         |         | 0.2           | 3.8        | ENE        | —                 |
| 05   | 15    | 14.3            | 21.8       | 7.2        | 15.1             | 15.3 | 15.1 | 14.1 | 12.0 | 10.5         | 79.2   | 0.0         |         | 0.5           | 4.8        | SE         | —                 |
| 05   | 16    | 14.6            | 17.0       | 12.0       | 15.4             | 15.4 | 15.2 | 14.1 | 12.1 | 10.5         | 96.7   | 18.0        |         | 0.2           | 3.5        | ESE        | —                 |
| 05   | 17    | 17.0            | 22.1       | 14.6       | 16.1             | 15.8 | 15.4 | 14.3 | 12.2 | 10.6         | 97.9   | 0.5         |         | 0.2           | 3.4        | ESE        | —                 |
| 05   | 18    | 15.9            | 20.2       | 12.5       | 16.1             | 15.9 | 15.6 | 14.4 | 12.4 | 10.7         | 86.7   | 0.0         |         | 0.4           | 3.4        | ESE        | —                 |
| 05   | 19    | 13.4            | 17.4       | 10.4       | 14.9             | 15.4 | 15.4 | 14.5 | 12.5 | 10.7         | 91.8   | 28.0        |         | 0.2           | 2.9        | S          | —                 |
| 05   | 20    | 12.1            | 13.0       | 11.3       | 13.9             | 14.6 | 14.9 | 14.6 | 12.7 | 10.8         | 99.9   | 28.5        |         | 0.1           | 2.5        | E          | —                 |
| 05   | 21    | 16.2            | 25.5       | 10.4       | 14.0             | 14.1 | 14.2 | 14.5 | 13.1 | 11.0         | 82.6   | 41.5        |         | 0.5           | 7.0        | SSW        | —                 |
| 05   | 22    | 12.4            | 14.5       | 10.5       | 14.3             | 14.7 | 14.8 | 14.4 | 13.2 | 11.2         | 97.6   | 0.0         |         | 0.2           | 3.2        | SE         | —                 |
| 05   | 23    | 11.8            | 13.7       | 10.7       | 13.7             | 14.3 | 14.5 | 14.4 | 13.2 | 11.2         | 99.0   | 13.5        |         | 0.1           | 2.7        | ESE        | —                 |
| 05   | 24    | 13.9            | 21.3       | 9.4        | 14.1             | 14.3 | 14.3 | 14.4 | 13.3 | 11.3         | 86.6   | 0.5         |         | 0.3           | 4.8        | SE         | —                 |
| 05   | 25    | 14.0            | 22.0       | 7.0        | 14.1             | 14.6 | 14.5 | 14.3 | 13.3 | 11.4         | 73.2   | 0.0         |         | 0.7           | 5.4        | ESE        | —                 |
| 05   | 26    | 16.5            | 25.0       | 7.9        | 14.9             | 15.0 | 14.7 | 14.4 | 13.3 | 11.5         | 75.6   | 0.0         |         | 0.4           | 5.0        | SE         | —                 |
| 05   | 27    | 17.9            | 23.1       | 13.3       | 16.4             | 16.1 | 15.6 | 14.5 | 13.3 | 11.6         | 83.0   | 0.0         |         | 0.4           | 4.0        | ESE        | —                 |
| 05   | 28    | 17.9            | 23.2       | 13.9       | 17.0             | 16.6 | 16.1 | 14.8 | 13.4 | 11.7         | 84.8   | 0.0         |         | 0.4           | 5.2        | ESE        | —                 |
| 05   | 29    | 19.7            | 26.2       | 14.1       | 17.6             | 17.1 | 16.5 | 15.1 | 13.4 | 11.7         | 80.9   | 0.0         |         | 0.5           | 4.6        | SSE        | —                 |
| 05   | 30    | 22.3            | 29.5       | 15.6       | 18.5             | 17.8 | 17.1 | 15.4 | 13.5 | 11.8         | 75.4   | 0.0         |         | 0.9           | 9.4        | SSW        | —                 |
| 05   | 31    | 23.1            | 29.7       | 14.7       | 19.4             | 18.8 | 18.0 | 15.8 | 13.6 | 11.8         | 72.5   | 25.0        |         | 1.6           | 11.8       | WSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 202.0       |         |               |            |            |                   |
| 平均   | Mean  | 15.2            | 21.0       | 10.4       | 15.1             | 15.0 | 14.7 | 13.8 | 12.2 | 10.6         | 84.7   | 6.5         |         | 0.5           | 5.2        |            |                   |
| 最大   | Max.  | 23.1            | 29.7       | 15.6       | 19.4             | 18.8 | 18.0 | 15.8 | 13.6 | 11.8         | 99.9   | 41.5        |         | 2.0           | 11.8       |            |                   |
| 最低   | Min.  | 8.8             | 11.7       | 4.5        | 12.4             | 13.0 | 13.0 | 11.8 | 10.5 | 9.4          | 58.2   | 0.0         |         | 0.1           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 13.8            | 15.1       | 10.4       | 16.1             | 17.3 | 17.4 | 16.4 | 13.8 | 11.9         | 99.2   | 32.5        |         | 0.3           | 4.6        | E          | —                 |
| 06   | 2     | 14.4            | 22.3       | 7.6        | 15.7             | 16.5 | 16.6 | 16.4 | 14.1 | 12.0         | 73.6   | 0.0         |         | 0.5           | 5.2        | ENE        | —                 |
| 06   | 3     | 14.9            | 21.5       | 9.8        | 16.0             | 16.6 | 16.5 | 16.2 | 14.2 | 12.1         | 70.5   | 0.0         |         | 0.6           | 4.3        | ESE        | —                 |
| 06   | 4     | 17.0            | 26.8       | 8.3        | 15.6             | 16.3 | 16.3 | 16.1 | 14.3 | 12.2         | 56.5   | 0.0         |         | 0.6           | 4.5        | S          | —                 |
| 06   | 5     | 18.2            | 26.6       | 10.4       | 16.1             | 16.5 | 16.4 | 16.0 | 14.4 | 12.2         | 58.4   | 0.0         |         | 0.7           | 5.4        | ESE        | —                 |
| 06   | 6     | 17.3            | 21.5       | 12.7       | 16.7             | 16.8 | 16.6 | 16.1 | 14.5 | 12.3         | 82.4   | 0.0         |         | 0.3           | 3.7        | SSW        | —                 |
| 06   | 7     | 18.8            | 21.8       | 16.7       | 17.9             | 17.5 | 17.1 | 16.2 | 14.5 | 12.4         | 96.3   | 11.0        |         | 0.3           | 4.0        | ESE        | —                 |
| 06   | 8     | 19.0            | 23.3       | 15.8       | 18.1             | 18.0 | 17.6 | 16.4 | 14.6 | 12.4         | 94.3   | 16.5        |         | 0.3           | 5.2        | ESE        | —                 |
| 06   | 9     | 15.8            | 17.3       | 14.7       | 17.5             | 17.8 | 17.6 | 16.6 | 14.6 | 12.5         | 99.4   | 0.5         |         | 0.1           | 3.1        | ESE        | —                 |
| 06   | 10    | 17.8            | 22.2       | 13.9       | 17.6             | 17.6 | 17.4 | 16.7 | 14.8 | 12.6         | 93.0   | 0.0         |         | 0.1           | 3.6        | WSW        | —                 |
| 06   | 11    | 16.5            | 19.1       | 13.7       | 17.3             | 17.7 | 17.6 | 16.7 | 14.9 | 12.6         | 97.5   | 30.0        |         | 0.2           | 2.7        | ESE        | —                 |
| 06   | 12    | 17.9            | 23.9       | 13.5       | 17.5             | 17.6 | 17.4 | 16.9 | 15.0 | 12.7         | 92.2   | 18.0        |         | 0.5           | 4.3        | E          | —                 |
| 06   | 13    | 15.9            | 22.0       | 10.1       | 17.1             | 17.7 | 17.6 | 17.0 | 15.2 | 12.9         | 87.4   | 13.5        |         | 0.4           | 3.7        | E          | —                 |
| 06   | 14    | 16.7            | 25.4       | 9.0        | 16.5             | 17.1 | 17.2 | 17.0 | 15.4 | 13.0         | 69.5   | 0.0         |         | 0.6           | 4.4        | E          | —                 |
| 06   | 15    | 19.2            | 28.8       | 11.6       | 17.1             | 17.4 | 17.2 | 16.9 | 15.4 | 13.1         | 58.3   | 0.0         |         | 0.7           | 6.7        | WSW        | —                 |
| 06   | 16    | 18.6            | 26.0       | 12.6       | 17.3             | 17.6 | 17.4 | 16.9 | 15.5 | 13.2         | 61.2   | 0.0         |         | 0.7           | 5.1        | E          | —                 |
| 06   | 17    | 19.7            | 26.7       | 13.6       | 18.4             | 18.3 | 17.8 | 17.0 | 15.5 | 13.3         | 75.9   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 06   | 18    | 20.7            | 27.0       | 15.1       | 19.2             | 19.0 | 18.4 | 17.2 | 15.6 | 13.3         | 77.4   | 0.0         |         | 0.4           | 4.0        | SSE        | —                 |
| 06   | 19    | 21.7            | 27.7       | 17.0       | 20.1             | 19.6 | 19.0 | 17.5 | 15.6 | 13.4         | 78.1   | 0.0         |         | 0.5           | 4.4        | SE         | —                 |
| 06   | 20    | 23.4            | 30.2       | 18.2       | 20.9             | 20.3 | 19.5 | 17.8 | 15.7 | 13.5         | 76.7   | 0.0         |         | 1.0           | 8.4        | WSW        | —                 |
| 06   | 21    | 22.5            | 25.7       | 20.4       | 21.2             | 20.9 | 20.4 | 18.2 | 15.8 | 13.5         | 90.1   | 62.5        |         | 1.7           | 20.7       | WNW        | —                 |
| 06   | 22    | 26.0            | 31.5       | 20.6       | 22.1             | 21.5 | 20.8 | 18.9 | 16.1 | 13.6         | 69.7   | 0.0         |         | 1.3           | 12.4       | SSE        | —                 |
| 06   | 23    | 22.5            | 28.6       | 18.3       | 22.0             | 21.9 | 21.2 | 19.1 | 16.3 | 13.7         | 80.3   | 0.0         |         | 0.4           | 3.9        | SE         | —                 |
| 06   | 24    | 22.8            | 29.6       | 16.3       | 21.6             | 21.5 | 21.0 | 19.3 | 16.4 | 13.8         | 75.9   | 0.0         |         | 0.6           | 4.4        | WSW        | —                 |
| 06   | 25    | 21.0            | 22.8       | 19.1       | 21.4             | 21.5 | 21.1 | 19.5 | 16.6 | 13.9         | 92.9   | 1.0         |         | 0.2           | 3.0        | S          | —                 |
| 06   | 26    | 22.2            | 25.8       | 18.8       | 21.6             | 21.3 | 21.0 | 19.6 | 16.8 | 14.0         | 90.9   | 0.0         |         | 0.3           | 3.2        | ESE        | —                 |
| 06   | 27    | 20.4            | 21.5       | 19.4       | 21.2             | 21.3 | 21.0 | 19.7 | 16.9 | 14.0         | 95.1   | 0.0         |         | 0.1           | 2.2        | SE         | —                 |
| 06   | 28    | 21.1            | 25.4       | 18.5       | 21.3             | 21.2 | 20.9 | 19.7 | 17.1 | 14.1         | 90.7   | 0.0         |         | 0.3           | 4.1        | SE         | —                 |
| 06   | 29    | 22.4            | 28.7       | 16.5       | 21.5             | 21.3 | 20.9 | 19.7 | 17.2 | 14.2         | 80.9   | 0.0         |         | 0.7           | 6.3        | S          | —                 |
| 06   | 30    | 22.5            | 29.7       | 17.8       | 21.5             | 21.5 | 21.1 | 19.8 | 17.3 | 14.3         | 77.2   | 0.0         |         | 0.8           | 9.9        | W          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 185.5       |         |               |            |            |                   |
| 平均   | Mean  | 19.4            | 24.8       | 14.7       | 18.8             | 18.9 | 18.6 | 17.6 | 15.5 | 13.1         | 81.4   | 6.2         |         | 0.5           | 5.4        |            |                   |
| 最大   | Max.  | 26.0            | 31.5       | 20.6       | 22.1             | 21.9 | 21.2 | 19.8 | 17.3 | 14.3         | 99.4   | 62.5        |         | 1.7           | 20.7       |            |                   |
| 最低   | Min.  | 13.8            | 15.1       | 7.6        | 15.6             | 16.3 | 16.3 | 16.0 | 13.8 | 11.9         | 56.5   | 0.0         |         | 0.1           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 21.7            | 28.0       | 18.2       | 21.6             | 21.6 | 21.2 | 19.9 | 17.4 | 14.4         | 80.7   | 0.0         |         | 0.4           | 3.6        | SE         | —                 |
| 07   | 2     | 22.0            | 28.9       | 16.2       | 21.5             | 21.6 | 21.2 | 20.0 | 17.5 | 14.5         | 69.3   | 0.0         |         | 0.5           | 4.7        | SE         | —                 |
| 07   | 3     | 22.2            | 29.6       | 16.4       | 21.7             | 21.7 | 21.3 | 20.1 | 17.6 | 14.5         | 75.0   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 07   | 4     | 22.5            | 30.1       | 15.3       | 21.6             | 21.7 | 21.3 | 20.1 | 17.7 | 14.6         | 77.2   | 0.0         |         | 0.5           | 5.8        | SE         | —                 |
| 07   | 5     | 22.5            | 26.1       | 17.9       | 21.6             | 21.7 | 21.4 | 20.2 | 17.9 | 14.7         | 84.3   | 0.0         |         | 0.5           | 5.1        | S          | —                 |
| 07   | 6     | 25.6            | 32.6       | 20.5       | 23.1             | 22.4 | 21.7 | 20.3 | 18.0 | 14.8         | 78.7   | 0.0         |         | 0.5           | 4.9        | SSE        | —                 |
| 07   | 7     | 25.4            | 31.1       | 20.7       | 23.5             | 23.1 | 22.4 | 20.5 | 18.0 | 14.9         | 80.3   | 0.0         |         | 0.5           | 3.6        | S          | —                 |
| 07   | 8     | 26.4            | 32.9       | 20.2       | 23.8             | 23.3 | 22.6 | 20.8 | 18.1 | 15.0         | 77.9   | 0.0         |         | 0.6           | 4.2        | SE         | —                 |
| 07   | 9     | 25.7            | 32.7       | 20.5       | 24.3             | 23.8 | 23.1 | 21.0 | 18.3 | 15.1         | 81.1   | 0.5         |         | 0.5           | 4.5        | SSE        | —                 |
| 07   | 10    | 21.9            | 29.2       | 18.3       | 23.1             | 23.3 | 22.9 | 21.2 | 18.4 | 15.2         | 89.9   | 2.0         |         | 0.4           | 4.2        | S          | —                 |
| 07   | 11    | 20.6            | 27.8       | 16.1       | 21.8             | 22.3 | 22.2 | 21.3 | 18.5 | 15.3         | 83.8   | 0.0         |         | 0.5           | 5.2        | E          | —                 |
| 07   | 12    | 20.5            | 27.0       | 15.4       | 21.0             | 21.6 | 21.6 | 21.1 | 18.7 | 15.4         | 81.5   | 0.0         |         | 0.5           | 4.0        | SSE        | —                 |
| 07   | 13    | 26.1            | 35.4       | 17.6       | 22.3             | 22.2 | 21.7 | 20.9 | 18.8 | 15.4         | 64.2   | 0.0         |         | 1.5           | 11.1       | WSW        | —                 |
| 07   | 14    | 24.2            | 32.6       | 17.9       | 22.6             | 22.6 | 22.1 | 21.0 | 18.8 | 15.5         | 76.4   | 0.0         |         | 0.6           | 5.8        | ESE        | —                 |
| 07   | 15    | 24.8            | 33.9       | 18.1       | 22.7             | 22.8 | 22.3 | 21.1 | 18.9 | 15.6         | 72.1   | 0.0         |         | 0.6           | 4.5        | E          | —                 |
| 07   | 16    | 24.5            | 33.2       | 19.1       | 22.9             | 22.9 | 22.5 | 21.2 | 19.0 | 15.7         | 76.0   | 0.0         |         | 0.4           | 4.4        | SSE        | —                 |
| 07   | 17    | 23.0            | 27.8       | 19.1       | 22.4             | 22.7 | 22.4 | 21.3 | 19.1 | 15.8         | 75.3   | 0.0         |         | 0.4           | 4.4        | WNW        | —                 |
| 07   | 18    | 24.0            | 31.1       | 18.0       | 22.1             | 22.3 | 22.1 | 21.3 | 19.1 | 15.9         | 72.0   | 2.5         |         | 0.5           | 6.7        | E          | —                 |
| 07   | 19    | 23.9            | 32.3       | 18.1       | 22.2             | 22.4 | 22.1 | 21.3 | 19.2 | 16.0         | 74.4   | 0.0         |         | 0.5           | 5.5        | W          | —                 |
| 07   | 20    | 26.6            | 35.8       | 19.1       | 22.8             | 22.8 | 22.3 | 21.3 | 19.3 | 16.0         | 62.5   | 0.0         |         | 0.6           | 5.2        | ESE        | —                 |
| 07   | 21    | 24.9            | 35.1       | 19.4       | 23.0             | 23.1 | 22.7 | 21.4 | 19.3 | 16.1         | 73.0   | 3.0         |         | 0.7           | 7.9        | NE         | —                 |
| 07   | 22    | 23.7            | 30.3       | 18.6       | 22.6             | 22.8 | 22.6 | 21.6 | 19.4 | 16.2         | 77.6   | 0.0         |         | 0.4           | 4.6        | SE         | —                 |
| 07   | 23    | 23.9            | 30.8       | 19.0       | 23.3             | 23.2 | 22.7 | 21.6 | 19.5 | 16.3         | 79.3   | 0.0         |         | 0.4           | 4.4        | ESE        | —                 |
| 07   | 24    | 24.9            | 32.1       | 19.7       | 23.7             | 23.6 | 23.0 | 21.7 | 19.6 | 16.4         | 79.5   | 3.5         |         | 0.6           | 4.8        | SSE        | —                 |
| 07   | 25    | 21.9            | 28.7       | 18.3       | 22.8             | 23.4 | 23.2 | 21.9 | 19.6 | 16.4         | 93.3   | 15.0        |         | 0.2           | 4.9        | NNW        | —                 |
| 07   | 26    | 19.9            | 22.8       | 17.0       | 21.5             | 22.2 | 22.4 | 21.9 | 19.7 | 16.5         | 96.7   | 3.0         |         | 0.1           | 3.4        | WSW        | —                 |
| 07   | 27    | 23.6            | 30.9       | 17.7       | 22.2             | 22.4 | 22.2 | 21.8 | 19.8 | 16.5         | 78.0   | 0.0         |         | 0.5           | 4.3        | SSE        | —                 |
| 07   | 28    | 23.8            | 30.1       | 20.3       | 22.8             | 23.0 | 22.7 | 21.8 | 19.8 | 16.6         | 81.7   | 2.5         |         | 0.3           | 4.5        | E          | —                 |
| 07   | 29    | 21.4            | 22.7       | 20.0       | 21.8             | 22.5 | 22.5 | 21.9 | 19.8 | 16.7         | 98.6   | 57.5        |         | 0.4           | 4.2        | E          | —                 |
| 07   | 30    | 21.6            | 26.4       | 19.4       | 21.9             | 22.3 | 22.3 | 22.0 | 20.0 | 16.8         | 96.6   | 23.5        |         | 0.1           | 3.1        | SW         | —                 |
| 07   | 31    | 22.2            | 27.3       | 18.7       | 22.6             | 22.8 | 22.6 | 22.0 | 20.2 | 16.8         | 93.4   | 4.5         |         | 0.1           | 2.6        | SSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 117.5       |         |               |            |            |                   |
| 平均   | Mean  | 23.4            | 30.2       | 18.4       | 22.5             | 22.6 | 22.2 | 21.1 | 18.9 | 15.7         | 80.0   | 3.8         |         | 0.5           | 4.9        |            |                   |
| 最大   | Max.  | 26.6            | 35.8       | 20.7       | 24.3             | 23.8 | 23.2 | 22.0 | 20.2 | 16.8         | 98.6   | 57.5        |         | 1.5           | 11.1       |            |                   |
| 最低   | Min.  | 19.9            | 22.7       | 15.3       | 21.0             | 21.6 | 21.2 | 19.9 | 17.4 | 14.4         | 62.5   | 0.0         |         | 0.1           | 2.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 22.5            | 30.2       | 16.8       | 22.4             | 22.8 | 22.6 | 22.0 | 20.2 | 16.9         | 82.9   | 0.0         |         | 0.6           | 5.2        | S          | —                 |
| 08   | 2     | 21.6            | 29.0       | 15.0       | 21.9             | 22.6 | 22.5 | 22.1 | 20.3 | 17.0         | 79.5   | 0.0         |         | 0.6           | 4.8        | S          | —                 |
| 08   | 3     | 21.8            | 28.5       | 16.0       | 22.0             | 22.6 | 22.5 | 22.1 | 20.3 | 17.2         | 79.8   | 0.0         |         | 0.5           | 3.6        | S          | —                 |
| 08   | 4     | 23.7            | 31.0       | 19.1       | 22.9             | 23.0 | 22.7 | 22.1 | 20.4 | 17.2         | 79.1   | 0.0         |         | 0.4           | 4.5        | SSE        | —                 |
| 08   | 5     | 23.3            | 29.6       | 19.8       | 23.1             | 23.3 | 23.0 | 22.2 | 20.4 | 17.3         | 87.6   | 0.0         |         | 0.5           | 7.5        | SSE        | —                 |
| 08   | 6     | 24.1            | 32.4       | 18.9       | 23.1             | 23.4 | 23.2 | 22.3 | 20.5 | 17.4         | 84.1   | 12.5        |         | 0.5           | 4.6        | WSW        | —                 |
| 08   | 7     | 20.9            | 28.1       | 18.9       | 22.2             | 23.0 | 23.0 | 22.4 | 20.5 | 17.5         | 95.7   | 10.5        |         | 0.3           | 6.9        | W          | —                 |
| 08   | 8     | 23.2            | 30.0       | 17.6       | 22.5             | 22.7 | 22.6 | 22.3 | 20.6 | 17.5         | 87.3   | 0.0         |         | 0.4           | 4.5        | SE         | —                 |
| 08   | 9     | 23.1            | 30.6       | 19.1       | 23.0             | 23.4 | 23.1 | 22.3 | 20.6 | 17.6         | 88.5   | 22.0        |         | 0.5           | 5.3        | SW         | —                 |
| 08   | 10    | 22.3            | 30.0       | 17.7       | 22.4             | 23.0 | 23.0 | 22.5 | 20.7 | 17.7         | 89.1   | 1.5         |         | 0.4           | 4.0        | W          | —                 |
| 08   | 11    | 22.4            | 28.3       | 18.6       | 22.7             | 23.1 | 23.0 | 22.5 | 20.7 | 17.7         | 87.3   | 1.0         |         | 0.3           | 4.3        | SSE        | —                 |
| 08   | 12    | 23.2            | 30.5       | 17.2       | 22.8             | 23.2 | 23.0 | 22.5 | 20.8 | 17.8         | 82.7   | 0.0         |         | 0.4           | 4.8        | SSE        | —                 |
| 08   | 13    | 23.6            | 30.3       | 17.6       | 23.1             | 23.4 | 23.2 | 22.5 | 20.8 | 17.9         | 79.7   | 0.0         |         | 0.6           | 4.3        | SW         | —                 |
| 08   | 14    | 23.2            | 31.2       | 18.3       | 22.7             | 23.3 | 23.2 | 22.6 | 20.9 | 17.9         | 77.8   | 0.0         |         | 0.4           | 4.8        | W          | —                 |
| 08   | 15    | 18.1            | 20.8       | 14.2       | 21.2             | 22.4 | 22.7 | 22.6 | 20.9 | 18.0         | 94.1   | 8.0         |         | 0.2           | 3.8        | ESE        | —                 |
| 08   | 16    | 19.8            | 27.6       | 12.8       | 20.7             | 21.6 | 21.9 | 22.4 | 21.0 | 18.1         | 79.3   | 0.0         |         | 0.4           | 3.9        | SSE        | —                 |
| 08   | 17    | 20.5            | 24.2       | 16.8       | 21.3             | 21.9 | 22.0 | 22.2 | 21.0 | 18.1         | 89.8   | 9.5         |         | 0.4           | 5.2        | ESE        | —                 |
| 08   | 18    | 25.0            | 34.0       | 20.1       | 22.5             | 22.6 | 22.4 | 22.1 | 21.0 | 18.2         | 79.7   | 8.5         |         | 0.7           | 7.9        | WNW        | —                 |
| 08   | 19    | 25.8            | 33.0       | 19.6       | 22.7             | 23.0 | 22.8 | 22.2 | 21.0 | 18.2         | 66.7   | 0.0         |         | 1.9           | 11.0       | W          | —                 |
| 08   | 20    | 25.4            | 32.4       | 17.1       | 22.9             | 23.3 | 23.1 | 22.4 | 21.0 | 18.3         | 59.6   | 0.0         |         | 1.1           | 9.6        | E          | —                 |
| 08   | 21    | 19.2            | 24.6       | 14.9       | 21.2             | 22.3 | 22.5 | 22.5 | 21.0 | 18.3         | 80.7   | 0.0         |         | 0.4           | 4.0        | ESE        | —                 |
| 08   | 22    | 20.3            | 26.6       | 15.7       | 21.1             | 21.8 | 22.1 | 22.3 | 21.0 | 18.4         | 85.4   | 1.0         |         | 0.3           | 2.9        | SSE        | —                 |
| 08   | 23    | 15.4            | 18.9       | 13.6       | 19.7             | 21.2 | 21.6 | 22.1 | 21.0 | 18.4         | 98.5   | 6.0         |         | 0.2           | 3.4        | ESE        | —                 |
| 08   | 24    | 21.2            | 28.4       | 14.9       | 20.6             | 20.9 | 21.1 | 21.9 | 21.0 | 18.5         | 89.9   | 0.0         |         | 0.3           | 3.9        | SW         | —                 |
| 08   | 25    | 20.8            | 27.9       | 16.6       | 21.2             | 21.6 | 21.6 | 21.7 | 21.0 | 18.5         | 85.9   | 0.0         |         | 0.4           | 4.0        | SE         | —                 |
| 08   | 26    | 20.3            | 24.3       | 17.3       | 21.3             | 21.7 | 21.8 | 21.8 | 21.0 | 18.5         | 89.0   | 0.0         |         | 0.3           | 4.3        | ESE        | —                 |
| 08   | 27    | 20.1            | 25.8       | 17.1       | 21.3             | 21.8 | 21.8 | 21.8 | 20.9 | 18.6         | 93.0   | 1.0         |         | 0.3           | 3.8        | ESE        | —                 |
| 08   | 28    | 16.4            | 18.0       | 14.7       | 19.8             | 21.0 | 21.4 | 21.8 | 20.9 | 18.6         | 99.1   | 5.0         |         | 0.1           | 3.0        | ESE        | —                 |
| 08   | 29    | 16.5            | 18.3       | 14.2       | 19.3             | 20.2 | 20.7 | 21.6 | 20.9 | 18.6         | 99.2   | 5.5         |         | 0.0           | 1.6        | S          | —                 |
| 08   | 30    | 19.3            | 21.6       | 16.9       | 19.9             | 20.3 | 20.6 | 21.3 | 20.8 | 18.6         | 98.9   | 37.5        |         | 0.4           | 8.2        | E          | —                 |
| 08   | 31    | 24.1            | 32.9       | 15.6       | 21.1             | 21.1 | 21.1 | 21.1 | 20.8 | 18.7         | 70.6   | 31.5        |         | 3.1           | 18.3       | WNW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 161.0       |         |               |            |            |                   |
| 平均   | Mean  | 21.5            | 27.7       | 16.9       | 21.8             | 22.3 | 22.3 | 22.1 | 20.8 | 18.0         | 85.2   | 5.2         |         | 0.5           | 5.4        |            |                   |
| 最大   | Max.  | 25.8            | 34.0       | 20.1       | 23.1             | 23.4 | 23.2 | 22.6 | 21.0 | 18.7         | 99.2   | 37.5        |         | 3.1           | 18.3       |            |                   |
| 最低   | Min.  | 15.4            | 18.0       | 12.8       | 19.3             | 20.2 | 20.6 | 21.1 | 20.2 | 16.9         | 59.6   | 0.0         |         | 0.0           | 1.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 21.8            | 29.7       | 14.7       | 20.2             | 20.7 | 20.9 | 21.2 | 20.8 | 18.8         | 75.8   | 0.0         |         | 0.6           | 3.9        | WSW        | —                 |
| 09   | 2     | 20.0            | 21.8       | 18.9       | 20.7             | 21.3 | 21.3 | 21.2 | 20.7 | 18.9         | 96.4   | 12.5        |         | 0.2           | 2.8        | E          | —                 |
| 09   | 3     | 19.7            | 23.7       | 18.3       | 20.7             | 21.1 | 21.2 | 21.3 | 20.7 | 18.9         | 95.8   | 0.5         |         | 0.2           | 3.5        | ESE        | —                 |
| 09   | 4     | 19.8            | 25.2       | 17.1       | 20.3             | 21.1 | 21.2 | 21.3 | 20.7 | 18.9         | 95.1   | 29.0        |         | 0.2           | 4.2        | ESE        | —                 |
| 09   | 5     | 18.1            | 20.5       | 16.6       | 19.7             | 20.5 | 20.8 | 21.3 | 20.7 | 19.0         | 98.5   | 5.5         |         | 0.0           | 2.0        | SW         | —                 |
| 09   | 6     | 20.9            | 25.5       | 17.5       | 20.7             | 20.9 | 20.9 | 21.2 | 20.7 | 19.0         | 92.5   | 0.0         |         | 0.2           | 3.1        | SE         | —                 |
| 09   | 7     | 21.6            | 25.2       | 18.2       | 20.9             | 21.3 | 21.3 | 21.2 | 20.7 | 19.0         | 88.7   | 26.5        |         | 2.2           | 18.0       | WNW        | —                 |
| 09   | 8     | 24.7            | 31.9       | 15.7       | 21.4             | 21.6 | 21.5 | 21.3 | 20.7 | 19.1         | 63.9   | 0.5         |         | 2.1           | 14.9       | W          | —                 |
| 09   | 9     | 19.3            | 25.7       | 14.8       | 20.2             | 21.0 | 21.2 | 21.3 | 20.7 | 19.1         | 85.7   | 0.0         |         | 0.5           | 4.2        | SE         | —                 |
| 09   | 10    | 19.0            | 25.5       | 16.0       | 20.3             | 21.0 | 21.2 | 21.3 | 20.7 | 19.1         | 91.6   | 2.0         |         | 0.3           | 3.5        | ENE        | —                 |
| 09   | 11    | 17.0            | 18.7       | 15.5       | 19.4             | 20.3 | 20.7 | 21.2 | 20.7 | 19.1         | 97.3   | 0.5         |         | 0.1           | 1.8        | ESE        | —                 |
| 09   | 12    | 20.2            | 25.6       | 15.4       | 20.2             | 20.5 | 20.6 | 21.1 | 20.7 | 19.1         | 89.3   | 0.0         |         | 0.4           | 4.6        | SSE        | —                 |
| 09   | 13    | 21.8            | 29.1       | 16.2       | 21.1             | 21.3 | 21.2 | 21.1 | 20.6 | 19.1         | 84.5   | 0.0         |         | 0.6           | 3.7        | SSW        | —                 |
| 09   | 14    | 21.2            | 28.1       | 17.0       | 20.7             | 21.2 | 21.3 | 21.2 | 20.6 | 19.1         | 83.5   | 0.0         |         | 0.3           | 3.7        | WNW        | —                 |
| 09   | 15    | 18.1            | 23.7       | 14.3       | 20.1             | 21.0 | 21.1 | 21.2 | 20.6 | 19.1         | 82.9   | 0.0         |         | 0.4           | 4.9        | SE         | —                 |
| 09   | 16    | 18.1            | 25.5       | 13.6       | 19.5             | 20.5 | 20.7 | 21.2 | 20.6 | 19.1         | 80.7   | 0.0         |         | 0.5           | 4.3        | SSE        | —                 |
| 09   | 17    | 19.6            | 27.6       | 14.6       | 19.7             | 20.4 | 20.6 | 21.1 | 20.6 | 19.1         | 84.2   | 0.0         |         | 0.3           | 2.7        | SW         | —                 |
| 09   | 18    | 20.7            | 27.9       | 16.1       | 20.1             | 20.6 | 20.7 | 21.0 | 20.6 | 19.1         | 85.0   | 0.0         |         | 0.5           | 5.8        | S          | —                 |
| 09   | 19    | 21.6            | 29.1       | 17.1       | 20.6             | 20.9 | 21.0 | 21.0 | 20.5 | 19.1         | 79.5   | 0.0         |         | 0.4           | 3.6        | SSW        | —                 |
| 09   | 20    | 20.8            | 26.0       | 17.3       | 20.8             | 21.1 | 21.2 | 21.1 | 20.5 | 19.1         | 83.7   | 0.0         |         | 0.4           | 4.7        | SE         | —                 |
| 09   | 21    | 21.9            | 31.6       | 16.6       | 20.4             | 21.0 | 21.1 | 21.1 | 20.5 | 19.1         | 74.9   | 0.0         |         | 1.1           | 8.1        | W          | —                 |
| 09   | 22    | 20.3            | 26.5       | 16.6       | 20.2             | 20.8 | 21.0 | 21.1 | 20.5 | 19.1         | 88.0   | 17.0        |         | 0.5           | 4.4        | E          | —                 |
| 09   | 23    | 17.2            | 18.3       | 16.4       | 19.4             | 20.3 | 20.7 | 21.1 | 20.5 | 19.0         | 99.1   | 3.0         |         | 0.1           | 3.0        | E          | —                 |
| 09   | 24    | 17.4            | 18.3       | 16.6       | 19.3             | 20.1 | 20.4 | 21.0 | 20.5 | 19.0         | 99.6   | 1.0         |         | 0.1           | 2.8        | ESE        | —                 |
| 09   | 25    | 19.7            | 25.0       | 16.7       | 20.0             | 20.3 | 20.4 | 20.8 | 20.5 | 19.0         | 93.5   | 0.5         |         | 0.2           | 3.1        | S          | —                 |
| 09   | 26    | 17.9            | 19.9       | 16.3       | 19.8             | 20.4 | 20.6 | 20.8 | 20.4 | 19.0         | 99.3   | 3.5         |         | 0.1           | 2.6        | E          | —                 |
| 09   | 27    | 16.5            | 17.8       | 15.7       | 18.6             | 19.7 | 20.1 | 20.8 | 20.4 | 19.0         | 99.8   | 20.5        |         | 0.0           | 2.1        | ESE        | —                 |
| 09   | 28    | 17.9            | 23.1       | 14.0       | 18.9             | 19.5 | 19.8 | 20.6 | 20.4 | 19.0         | 94.2   | 0.0         |         | 0.3           | 4.2        | SE         | —                 |
| 09   | 29    | 16.3            | 17.4       | 15.3       | 18.4             | 19.4 | 19.8 | 20.5 | 20.3 | 19.0         | 99.4   | 15.0        |         | 0.1           | 3.4        | ESE        | —                 |
| 09   | 30    | 18.4            | 24.1       | 11.9       | 17.9             | 18.7 | 19.2 | 20.3 | 20.3 | 19.0         | 79.9   | 20.0        |         | 1.2           | 10.6       | WNW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 157.5       |         |               |            |            |                   |
| 平均   | Mean  | 19.6            | 24.6       | 16.0       | 20.0             | 20.6 | 20.8 | 21.1 | 20.6 | 19.0         | 88.7   | 5.3         |         | 0.5           | 4.8        |            |                   |
| 最大   | Max.  | 24.7            | 31.9       | 18.9       | 21.4             | 21.6 | 21.5 | 21.3 | 20.8 | 19.1         | 99.8   | 29.0        |         | 2.2           | 18.0       |            |                   |
| 最低   | Min.  | 16.3            | 17.4       | 11.9       | 17.9             | 18.7 | 19.2 | 20.3 | 20.3 | 18.8         | 63.9   | 0.0         |         | 0.0           | 1.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 10月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|------|------|------|------|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |      |      |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |      |      |      |      |           |        |          |         | Mean          | Max. | Dir. |                |
| 10   | 1     | 15.8            | 24.7 | 9.8  | 16.8             | 18.1 | 18.8 | 20.1 | 20.3 | 19.1      | 70.0   | 0.0      |         | 0.8           | 3.9  | WSW  | —              |
| 10   | 2     | 16.8            | 26.3 | 10.2 | 16.9             | 17.9 | 18.5 | 19.8 | 20.2 | 19.1      | 80.3   | 0.0      |         | 0.5           | 4.0  | WSW  | —              |
| 10   | 3     | 14.8            | 16.2 | 13.0 | 16.5             | 17.8 | 18.4 | 19.7 | 20.1 | 19.1      | 98.7   | 28.0     |         | 0.1           | 2.8  | E    | —              |
| 10   | 4     | 14.0            | 15.7 | 13.0 | 16.1             | 17.2 | 17.8 | 19.4 | 20.0 | 19.1      | 99.6   | 15.0     |         | 0.0           | 2.5  | ESE  | —              |
| 10   | 5     | 13.1            | 14.3 | 12.3 | 14.2             | 15.7 | 16.4 | 18.8 | 19.8 | 19.2      | 99.9   | 86.0     |         | 0.0           | 2.4  | E    | —              |
| 10   | 6     | 14.2            | 22.1 | 8.9  | 14.7             | 15.6 | 16.2 | 18.2 | 19.6 | 19.3      | 85.5   | 1.0      |         | 0.6           | 8.0  | W    | —              |
| 10   | 7     | 13.5            | 21.5 | 6.1  | 14.4             | 15.4 | 16.2 | 18.0 | 19.5 | 19.3      | 81.8   | 0.0      |         | 0.5           | 3.7  | SW   | —              |
| 10   | 8     | 11.7            | 12.6 | 11.0 | 13.8             | 15.4 | 16.1 | 17.9 | 19.3 | 19.3      | 97.3   | 55.0     |         | 0.2           | 3.1  | W    | —              |
| 10   | 9     | 13.9            | 15.8 | 11.6 | 13.1             | 13.4 | 13.7 | 16.3 | 18.7 | 19.4      | 99.8   | 133.0    |         | 0.3           | 5.5  | NW   | —              |
| 10   | 10    | 13.7            | 15.1 | 13.0 | 14.1             | 14.4 | 14.6 | 15.8 | 18.1 | 19.4      | 99.7   | 6.0      |         | 0.1           | 2.7  | E    | —              |
| 10   | 11    | 15.9            | 22.1 | 13.3 | 15.2             | 15.1 | 15.2 | 16.0 | 17.9 | 19.3      | 94.9   | 3.0      |         | 0.2           | 3.1  | S    | —              |
| 10   | 12    | 15.8            | 20.1 | 12.7 | 15.6             | 15.8 | 15.8 | 16.3 | 17.8 | 19.3      | 94.2   | 1.5      |         | 0.2           | 3.1  | SE   | —              |
| 10   | 13    | 14.7            | 16.9 | 12.2 | 15.6             | 16.0 | 16.2 | 16.5 | 17.7 | 19.2      | 98.3   | 10.0     |         | 0.1           | 3.6  | NE   | —              |
| 10   | 14    | 11.2            | 13.7 | 8.0  | 14.5             | 15.4 | 15.8 | 16.7 | 17.7 | 19.1      | 96.8   | 0.0      |         | 0.2           | 2.8  | E    | —              |
| 10   | 15    | 10.6            | 19.3 | 4.8  | 13.2             | 14.5 | 15.2 | 16.6 | 17.6 | 19.0      | 80.1   | 0.0      |         | 0.7           | 5.9  | SW   | —              |
| 10   | 16    | 8.7             | 13.7 | 5.4  | 12.2             | 13.7 | 14.6 | 16.4 | 17.6 | 18.9      | 87.6   | 0.0      |         | 0.3           | 3.7  | WNW  | —              |
| 10   | 17    | 10.6            | 19.8 | 5.2  | 12.0             | 13.3 | 14.1 | 16.1 | 17.6 | 18.8      | 74.5   | 0.0      |         | 0.9           | 4.0  | WSW  | —              |
| 10   | 18    | 10.1            | 17.7 | 3.5  | 11.8             | 13.0 | 13.9 | 15.9 | 17.5 | 18.8      | 81.4   | 0.0      |         | 0.5           | 4.4  | S    | —              |
| 10   | 19    | 10.8            | 12.4 | 8.6  | 12.3             | 13.3 | 14.0 | 15.7 | 17.4 | 18.7      | 98.5   | 17.5     |         | 0.1           | 2.4  | W    | —              |
| 10   | 20    | 12.7            | 14.0 | 11.6 | 12.5             | 13.2 | 13.6 | 15.2 | 17.1 | 18.6      | 100.0  | 128.5    |         | 0.2           | 6.5  | E    | —              |
| 10   | 21    | 12.7            | 20.3 | 7.2  | 12.7             | 13.1 | 13.4 | 14.6 | 16.4 | 18.4      | 90.9   | 4.5      |         | 0.5           | 4.7  | NNW  | —              |
| 10   | 22    | 11.3            | 20.2 | 4.9  | 11.7             | 12.6 | 13.3 | 14.7 | 16.3 | 18.3      | 77.7   | 0.0      |         | 0.7           | 4.4  | WSW  | —              |
| 10   | 23    | 10.2            | 18.2 | 6.1  | 11.5             | 12.5 | 13.2 | 14.6 | 16.3 | 18.2      | 80.3   | 0.0      |         | 0.6           | 4.5  | WSW  | —              |
| 10   | 24    | 8.9             | 15.7 | 4.2  | 11.2             | 12.3 | 13.0 | 14.6 | 16.2 | 18.2      | 86.1   | 0.0      |         | 0.5           | 4.6  | SSE  | —              |
| 10   | 25    | 12.5            | 21.2 | 5.7  | 11.7             | 12.3 | 12.9 | 14.5 | 16.1 | 18.1      | 85.1   | 0.0      |         | 0.4           | 4.3  | S    | —              |
| 10   | 26    | 11.2            | 12.2 | 8.0  | 12.5             | 13.0 | 13.4 | 14.5 | 16.0 | 18.0      | 97.6   | 4.5      |         | 0.1           | 3.5  | E    | —              |
| 10   | 27    | 6.9             | 13.5 | 2.8  | 10.9             | 12.3 | 13.0 | 14.5 | 16.0 | 17.9      | 76.8   | 0.0      |         | 0.7           | 8.2  | WNW  | —              |
| 10   | 28    | 5.9             | 13.6 | 0.5  | 9.7              | 11.3 | 12.2 | 14.3 | 15.9 | 17.9      | 84.7   | 0.0      |         | 0.5           | 4.0  | S    | —              |
| 10   | 29    | 7.6             | 15.7 | 1.5  | 9.6              | 10.8 | 11.8 | 14.0 | 15.9 | 17.8      | 85.3   | 0.0      |         | 0.5           | 4.3  | S    | —              |
| 10   | 30    | 8.1             | 9.8  | 5.7  | 9.9              | 11.0 | 11.8 | 13.8 | 15.8 | 17.7      | 97.6   | 15.5     |         | 0.1           | 2.9  | W    | —              |
| 10   | 31    | 13.3            | 19.2 | 9.4  | 11.6             | 11.6 | 11.9 | 13.6 | 15.6 | 17.6      | 95.2   | 16.0     |         | 0.2           | 3.5  | SSE  | —              |
| 計    | Total |                 |      |      |                  |      |      |      |      |           |        | 525.0    |         |               |      |      |                |
| 平均   | Mean  | 12.0            | 17.2 | 8.1  | 13.2             | 14.1 | 14.7 | 16.2 | 17.7 | 18.7      | 89.6   | 16.9     |         | 0.4           | 4.1  |      |                |
| 最大   | Max.  | 16.8            | 26.3 | 13.3 | 16.9             | 18.1 | 18.8 | 20.1 | 20.3 | 19.4      | 100.0  | 133.0    |         | 0.9           | 8.2  |      |                |
| 最低   | Min.  | 5.9             | 9.8  | 0.5  | 9.6              | 10.8 | 11.8 | 13.6 | 15.6 | 17.6      | 70.0   | 0.0      |         | 0.0           | 2.4  |      |                |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 11月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 13.6            | 17.1       | 10.0       | 13.0             | 12.9 | 13.0 | 13.6 | 15.5 | 17.5         | 98.5   | 10.0        |         | 0.1           | 2.9        | ENE        | —                 |
| 11   | 2     | 12.4            | 19.9       | 7.6        | 12.2             | 12.8 | 13.1 | 13.8 | 15.3 | 17.5         | 87.3   | 0.0         |         | 0.5           | 3.7        | WSW        | —                 |
| 11   | 3     | 12.4            | 19.3       | 7.8        | 12.7             | 13.0 | 13.2 | 13.9 | 15.2 | 17.4         | 87.2   | 0.0         |         | 0.7           | 4.5        | SSW        | —                 |
| 11   | 4     | 10.7            | 19.3       | 4.6        | 11.5             | 12.5 | 13.1 | 14.0 | 15.2 | 17.3         | 73.4   | 0.0         |         | 0.6           | 4.3        | SW         | —                 |
| 11   | 5     | 10.7            | 19.1       | 5.3        | 11.4             | 12.2 | 12.8 | 14.0 | 15.2 | 17.2         | 79.5   | 0.0         |         | 0.6           | 3.8        | SW         | —                 |
| 11   | 6     | 11.2            | 18.2       | 7.9        | 11.7             | 12.3 | 12.8 | 13.9 | 15.2 | 17.1         | 86.6   | 0.0         |         | 0.4           | 4.1        | S          | —                 |
| 11   | 7     | 11.7            | 19.7       | 6.7        | 11.3             | 12.1 | 12.7 | 13.9 | 15.1 | 17.1         | 78.0   | 0.0         |         | 0.5           | 3.9        | SW         | —                 |
| 11   | 8     | 10.5            | 12.5       | 7.5        | 11.8             | 12.4 | 12.8 | 13.9 | 15.1 | 17.0         | 92.4   | 0.0         |         | 0.1           | 2.7        | SE         | —                 |
| 11   | 9     | 10.6            | 19.8       | 4.5        | 11.1             | 12.0 | 12.6 | 13.8 | 15.1 | 16.9         | 73.1   | 0.0         |         | 0.6           | 3.7        | WSW        | —                 |
| 11   | 10    | 11.0            | 18.9       | 5.9        | 10.9             | 11.7 | 12.3 | 13.7 | 15.0 | 16.9         | 79.8   | 0.0         |         | 0.6           | 4.6        | SSW        | —                 |
| 11   | 11    | 12.4            | 17.1       | 7.7        | 11.3             | 11.9 | 12.4 | 13.7 | 15.0 | 16.8         | 82.6   | 0.0         |         | 1.5           | 13.5       | NNW        | —                 |
| 11   | 12    | 12.7            | 16.3       | 8.5        | 12.4             | 12.6 | 12.8 | 13.6 | 14.9 | 16.7         | 93.4   | 0.5         |         | 0.2           | 5.5        | NNW        | —                 |
| 11   | 13    | 9.2             | 15.5       | 4.5        | 10.8             | 11.9 | 12.6 | 13.7 | 14.9 | 16.7         | 73.6   | 0.0         |         | 0.7           | 4.4        | SE         | —                 |
| 11   | 14    | 7.7             | 13.0       | 5.0        | 10.3             | 11.4 | 12.1 | 13.6 | 14.8 | 16.6         | 88.2   | 0.0         |         | 0.3           | 4.5        | SE         | —                 |
| 11   | 15    | 8.2             | 14.2       | 4.8        | 10.0             | 11.1 | 11.7 | 13.4 | 14.8 | 16.6         | 96.8   | 17.5        |         | 0.1           | 2.6        | WSW        | —                 |
| 11   | 16    | 7.3             | 14.9       | 2.9        | 9.3              | 10.6 | 11.4 | 13.2 | 14.7 | 16.5         | 81.1   | 0.0         |         | 0.7           | 6.3        | E          | —                 |
| 11   | 17    | 6.8             | 15.6       | 1.6        | 8.5              | 9.9  | 10.8 | 13.0 | 14.7 | 16.5         | 77.0   | 0.0         |         | 0.8           | 4.1        | WSW        | —                 |
| 11   | 18    | 7.0             | 9.6        | 4.4        | 8.6              | 9.7  | 10.6 | 12.7 | 14.6 | 16.4         | 88.7   | 15.5        |         | 0.1           | 2.5        | WNW        | —                 |
| 11   | 19    | 9.2             | 10.7       | 7.3        | 9.5              | 10.0 | 10.6 | 12.5 | 14.5 | 16.4         | 99.9   | 7.0         |         | 0.0           | 1.6        | W          | —                 |
| 11   | 20    | 8.7             | 15.2       | 4.6        | 9.8              | 10.4 | 10.9 | 12.4 | 14.3 | 16.3         | 90.3   | 0.5         |         | 0.3           | 3.4        | SSW        | —                 |
| 11   | 21    | 7.5             | 15.2       | 2.8        | 9.1              | 10.1 | 10.7 | 12.3 | 14.2 | 16.3         | 83.2   | 0.0         |         | 0.5           | 4.3        | S          | —                 |
| 11   | 22    | 7.6             | 16.3       | 2.5        | 8.7              | 9.7  | 10.5 | 12.2 | 14.1 | 16.2         | 77.9   | 0.0         |         | 0.7           | 3.7        | W          | —                 |
| 11   | 23    | 7.4             | 16.0       | 2.5        | 8.2              | 9.3  | 10.2 | 12.1 | 14.0 | 16.1         | 78.8   | 0.0         |         | 0.7           | 3.9        | WSW        | —                 |
| 11   | 24    | 8.5             | 18.0       | 2.7        | 8.0              | 9.1  | 9.9  | 11.9 | 13.9 | 16.1         | 65.6   | 0.0         |         | 0.8           | 3.1        | W          | —                 |
| 11   | 25    | 7.9             | 16.0       | 2.5        | 8.0              | 9.0  | 9.8  | 11.8 | 13.8 | 16.0         | 67.4   | 0.0         |         | 0.9           | 7.3        | W          | —                 |
| 11   | 26    | 8.1             | 15.4       | 1.6        | 7.6              | 8.7  | 9.5  | 11.6 | 13.7 | 16.0         | 71.5   | 0.0         |         | 1.3           | 11.5       | SW         | —                 |
| 11   | 27    | 11.3            | 18.8       | 3.2        | 8.9              | 9.4  | 9.9  | 11.5 | 13.6 | 15.9         | 50.6   | 0.5         |         | 1.7           | 13.5       | SW         | —                 |
| 11   | 28    | 6.2             | 14.9       | 1.8        | 7.4              | 8.7  | 9.6  | 11.5 | 13.5 | 15.9         | 71.9   | 0.0         |         | 0.8           | 5.2        | WSW        | —                 |
| 11   | 29    | 6.0             | 13.7       | 1.6        | 7.2              | 8.3  | 9.1  | 11.3 | 13.4 | 15.8         | 77.2   | 0.0         |         | 0.8           | 4.5        | SW         | —                 |
| 11   | 30    | 3.9             | 13.2       | 0.1        | 6.8              | 8.2  | 9.0  | 11.1 | 13.3 | 15.7         | 83.8   | 0.0         |         | 0.4           | 3.6        | NNW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 51.5        |         |               |            |            |                   |
| 平均   | Mean  | 9.3             | 16.1       | 4.7        | 9.9              | 10.8 | 11.4 | 12.9 | 14.5 | 16.6         | 81.2   | 1.7         |         | 0.6           | 4.9        |            |                   |
| 最大   | Max.  | 13.6            | 19.9       | 10.0       | 13.0             | 13.0 | 13.2 | 14.0 | 15.5 | 17.5         | 99.9   | 17.5        |         | 1.7           | 13.5       |            |                   |
| 最低   | Min.  | 3.9             | 9.6        | 0.1        | 6.8              | 8.2  | 9.0  | 11.1 | 13.3 | 15.7         | 50.6   | 0.0         |         | 0.0           | 1.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2004年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|------|------|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |      |      |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |      |      |           |        |          |         | Mean          | Max. | Dir. |                |
| 12   | 1     | 4.3             | 13.8 | -1.1 | 5.8              | 7.4 | 8.4 | 10.9 | 13.2 | 15.7      | 67.0   | 0.0      |         | 0.9           | 3.5  | W    | —              |
| 12   | 2     | 5.8             | 15.1 | 1.0  | 5.8              | 7.1 | 8.1 | 10.7 | 13.1 | 15.6      | 52.3   | 0.0      |         | 0.8           | 4.7  | W    | —              |
| 12   | 3     | 5.2             | 14.4 | -0.9 | 4.7              | 6.4 | 7.6 | 10.4 | 13.0 | 15.6      | 39.8   | 0.0      |         | 0.6           | 3.8  | SW   | —              |
| 12   | 4     | 8.0             | 14.2 | 3.6  | 6.0              | 6.7 | 7.5 | 10.2 | 12.9 | 15.5      | 63.2   | 11.5     |         | 0.3           | 4.0  | NW   | —              |
| 12   | 5     | 10.2            | 21.2 | 4.6  | 7.2              | 7.2 | 7.6 | 9.5  | 12.4 | 15.4      | 70.6   | 64.0     |         | 1.7           | 11.2 | WNW  | —              |
| 12   | 6     | 4.6             | 12.1 | -1.2 | 5.8              | 7.0 | 7.7 | 9.4  | 12.1 | 15.3      | 59.0   | 0.0      |         | 0.8           | 6.6  | W    | —              |
| 12   | 7     | 4.9             | 12.8 | -2.1 | 4.8              | 6.1 | 7.0 | 9.4  | 12.0 | 15.2      | 67.6   | 0.0      |         | 0.7           | 5.2  | NW   | —              |
| 12   | 8     | 6.2             | 14.2 | 2.0  | 5.4              | 6.2 | 7.0 | 9.2  | 11.9 | 15.1      | 68.3   | 0.0      |         | 0.8           | 4.0  | W    | —              |
| 12   | 9     | 3.1             | 6.3  | 0.9  | 5.2              | 6.2 | 7.0 | 9.1  | 11.8 | 15.0      | 93.2   | 0.0      |         | 0.3           | 3.1  | SE   | —              |
| 12   | 10    | 6.8             | 15.8 | 1.1  | 6.4              | 6.7 | 7.3 | 9.1  | 11.7 | 14.9      | 79.4   | 0.0      |         | 0.6           | 3.4  | WSW  | —              |
| 12   | 11    | 6.4             | 15.3 | 1.1  | 5.9              | 6.7 | 7.4 | 9.1  | 11.6 | 14.9      | 67.9   | 0.0      |         | 0.8           | 4.0  | WSW  | —              |
| 12   | 12    | 3.4             | 9.6  | -0.3 | 5.2              | 6.2 | 7.0 | 9.0  | 11.5 | 14.8      | 87.4   | 0.0      |         | 0.5           | 4.9  | SE   | —              |
| 12   | 13    | 6.3             | 15.8 | 0.3  | 6.1              | 6.6 | 7.2 | 9.0  | 11.4 | 14.7      | 72.7   | 0.0      |         | 0.8           | 6.4  | W    | —              |
| 12   | 14    | 2.2             | 9.5  | -1.5 | 4.6              | 6.0 | 6.8 | 8.9  | 11.3 | 14.6      | 80.8   | 0.0      |         | 0.6           | 4.2  | SW   | —              |
| 12   | 15    | 4.0             | 13.5 | -1.2 | 4.7              | 5.6 | 6.4 | 8.8  | 11.3 | 14.6      | 78.7   | 0.0      |         | 0.5           | 3.1  | SW   | —              |
| 12   | 16    | 7.1             | 18.7 | 1.5  | 5.1              | 5.8 | 6.5 | 8.6  | 11.2 | 14.5      | 55.3   | 0.0      |         | 1.5           | 8.6  | W    | —              |
| 12   | 17    | 4.2             | 12.2 | -0.7 | 4.6              | 5.7 | 6.5 | 8.5  | 11.1 | 14.4      | 47.8   | 0.0      |         | 0.9           | 7.3  | ESE  | —              |
| 12   | 18    | 3.2             | 12.6 | -2.3 | 3.8              | 5.1 | 6.0 | 8.4  | 11.0 | 14.4      | 67.9   | 0.0      |         | 0.4           | 3.7  | SW   | —              |
| 12   | 19    | 4.4             | 10.5 | 1.0  | 4.4              | 5.2 | 5.9 | 8.3  | 10.9 | 14.3      | 78.6   | 0.0      |         | 0.5           | 3.8  | SSE  | —              |
| 12   | 20    | 4.4             | 9.6  | 1.8  | 5.3              | 5.8 | 6.4 | 8.2  | 10.8 | 14.2      | 96.8   | 0.0      |         | 0.2           | 3.4  | NNW  | —              |
| 12   | 21    | 3.6             | 11.2 | -1.9 | 4.8              | 5.7 | 6.4 | 8.2  | 10.7 | 14.2      | 75.8   | 0.0      |         | 0.5           | 3.8  | S    | —              |
| 12   | 22    | 1.4             | 9.6  | -2.7 | 3.5              | 4.9 | 5.8 | 8.1  | 10.7 | 14.1      | 73.5   | 0.0      |         | 0.6           | 4.7  | SSW  | —              |
| 12   | 23    | 0.2             | 8.7  | -3.6 | 2.7              | 4.2 | 5.2 | 7.9  | 10.6 | 14.0      | 67.2   | 0.0      |         | 0.7           | 4.9  | SW   | —              |
| 12   | 24    | 0.5             | 8.5  | -4.1 | 2.0              | 3.6 | 4.7 | 7.7  | 10.5 | 14.0      | 55.5   | 0.0      |         | 0.7           | 3.7  | WSW  | —              |
| 12   | 25    | 1.1             | 9.3  | -3.2 | 2.4              | 3.5 | 4.5 | 7.4  | 10.4 | 13.9      | 65.3   | 0.0      |         | 0.7           | 4.0  | SW   | —              |
| 12   | 26    | 0.3             | 7.1  | -2.9 | 1.7              | 3.3 | 4.3 | 7.2  | 10.3 | 13.8      | 72.4   | 0.0      |         | 0.5           | 7.0  | N    | —              |
| 12   | 27    | 0.5             | 8.7  | -3.4 | 1.6              | 2.9 | 4.0 | 7.0  | 10.2 | 13.8      | 69.6   | 0.0      |         | 0.7           | 4.6  | S    | —              |
| 12   | 28    | 0.2             | 8.6  | -4.5 | 1.4              | 2.8 | 3.8 | 6.7  | 10.0 | 13.7      | 62.1   | 0.0      |         | 0.7           | 4.5  | WSW  | —              |
| 12   | 29    | -1.3            | 0.4  | -2.7 | 1.3              | 2.7 | 3.7 | 6.6  | 9.9  | 13.7      | 88.2   | 2.5      |         | 0.3           | 6.4  | WNW  | 3              |
| 12   | 30    | -1.2            | 4.5  | -4.8 | 1.5              | 2.7 | 3.6 | 6.4  | 9.8  | 13.6      | 65.1   | 0.0      |         | 1.1           | 8.1  | W    | —              |
| 12   | 31    | -3.9            | -2.4 | -5.6 | 0.7              | 2.3 | 3.3 | 6.3  | 9.6  | 13.5      | 90.4   | 10.0     |         | 0.2           | 3.0  | W    | 12             |
| 計    | Total |                 |      |      |                  |     |     |      |      |           |        | 88.0     |         |               |      |      |                |
| 平均   | Mean  | 3.4             | 11.0 | -1.0 | 4.2              | 5.3 | 6.2 | 8.5  | 11.2 | 14.5      | 70.3   | 2.8      |         | 0.7           | 4.9  |      | 7.5            |
| 最大   | Max.  | 10.2            | 21.2 | 4.6  | 7.2              | 7.4 | 8.4 | 10.9 | 13.2 | 15.7      | 96.8   | 64.0     |         | 1.7           | 11.2 |      | 12.0           |
| 最低   | Min.  | -3.9            | -2.4 | -5.6 | 0.7              | 2.3 | 3.3 | 6.3  | 9.6  | 13.5      | 39.8   | 0.0      |         | 0.2           | 3.0  |      | 3.0            |

代替機器観測日 (The date of observation by alternative hardwares)



2005年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -1.4            | 5.3        | -6.6       | 1.0              | 2.2 | 3.2 | 6.1 | 9.5 | 13.5         | 71.8   | 1.5         |         | 1.2           | 9.9        | W          | 2                 |
| 01   | 2     | -2.2            | 6.1        | -7.4       | 0.5              | 1.9 | 2.9 | 5.9 | 9.4 | 13.4         | 57.8   | 0.0         |         | 0.9           | 4.4        | W          | —                 |
| 01   | 3     | -0.1            | 7.4        | -5.5       | 0.4              | 1.7 | 2.7 | 5.7 | 9.2 | 13.3         | 58.0   | 0.0         |         | 0.6           | 3.8        | WNW        | —                 |
| 01   | 4     | 5.5             | 15.5       | -0.6       | 1.3              | 2.0 | 2.7 | 5.5 | 9.1 | 13.3         | 55.7   | 0.0         |         | 1.4           | 8.5        | WNW        | —                 |
| 01   | 5     | -1.2            | 5.9        | -6.6       | 1.7              | 2.3 | 3.0 | 5.4 | 9.0 | 13.2         | 46.3   | 0.0         |         | 1.2           | 7.8        | WSW        | —                 |
| 01   | 6     | -2.8            | 1.3        | -7.1       | 0.5              | 1.8 | 2.7 | 5.4 | 8.8 | 13.1         | 73.6   | 0.0         |         | 0.3           | 3.1        | SSE        | —                 |
| 01   | 7     | 3.6             | 13.7       | -1.4       | 1.5              | 2.0 | 2.7 | 5.2 | 8.7 | 13.0         | 64.7   | 0.0         |         | 1.5           | 12.3       | W          | —                 |
| 01   | 8     | -0.6            | 6.2        | -5.3       | 2.0              | 2.4 | 3.0 | 5.1 | 8.6 | 12.9         | 57.1   | 0.0         |         | 0.9           | 6.5        | SSW        | —                 |
| 01   | 9     | -1.8            | 6.3        | -6.7       | 0.8              | 2.0 | 2.8 | 5.1 | 8.4 | 12.9         | 62.0   | 0.0         |         | 0.8           | 5.9        | WSW        | —                 |
| 01   | 10    | -2.0            | 7.9        | -8.4       | 0.4              | 1.6 | 2.5 | 5.0 | 8.3 | 12.8         | 51.5   | 0.0         |         | 0.9           | 5.9        | WSW        | —                 |
| 01   | 11    | -0.3            | 5.5        | -3.6       | 0.3              | 1.4 | 2.2 | 4.9 | 8.2 | 12.7         | 47.7   | 0.0         |         | 0.9           | 8.4        | W          | —                 |
| 01   | 12    | -2.5            | 4.4        | -6.1       | 0.2              | 1.3 | 2.1 | 4.7 | 8.1 | 12.6         | 56.4   | 0.5         |         | 1.4           | 9.5        | W          | 2                 |
| 01   | 13    | -0.8            | 9.3        | -7.0       | 0.2              | 1.1 | 2.0 | 4.6 | 8.0 | 12.5         | 50.2   | 0.0         |         | 0.9           | 5.2        | S          | —                 |
| 01   | 14    | 0.8             | 9.8        | -4.3       | 0.5              | 1.2 | 1.9 | 4.5 | 7.9 | 12.5         | 58.9   | 0.0         |         | 0.8           | 4.9        | SW         | —                 |
| 01   | 15    | -0.5            | 1.5        | -1.6       | 0.5              | 1.3 | 2.0 | 4.4 | 7.8 | 12.4         | 96.5   | 21.0        |         | 0.0           | 2.5        | ESE        | —                 |
| 01   | 16    | 0.5             | 2.0        | -0.4       | 0.8              | 1.5 | 2.1 | 4.3 | 7.7 | 12.3         | 99.2   | 37.5        |         | 0.0           | 2.6        | NW         | —                 |
| 01   | 17    | 1.3             | 6.3        | -2.3       | 1.1              | 1.7 | 2.3 | 4.3 | 7.6 | 12.2         | 76.1   | 0.0         |         | 0.9           | 9.4        | WNW        | 50                |
| 01   | 18    | 0.2             | 8.2        | -4.7       | 1.2              | 1.9 | 2.5 | 4.3 | 7.5 | 12.1         | 68.7   | 0.0         |         | 0.6           | 3.4        | WSW        | —                 |
| 01   | 19    | 0.5             | 7.2        | -2.9       | 1.3              | 2.0 | 2.6 | 4.4 | 7.4 | 12.0         | 77.9   | 0.0         |         | 0.6           | 4.0        | SW         | —                 |
| 01   | 20    | -0.1            | 5.9        | -3.8       | 1.3              | 2.1 | 2.6 | 4.4 | 7.3 | 11.9         | 53.9   | 0.0         |         | 1.7           | 10.2       | W          | —                 |
| 01   | 21    | -1.2            | 4.6        | -4.6       | 1.3              | 2.1 | 2.7 | 4.4 | 7.2 | 11.8         | 54.5   | 0.0         |         | 1.7           | 10.9       | W          | —                 |
| 01   | 22    | -0.8            | 7.1        | -5.3       | 1.3              | 2.1 | 2.7 | 4.4 | 7.2 | 11.8         | 54.3   | 0.0         |         | 0.9           | 5.8        | W          | —                 |
| 01   | 23    | -3.0            | 0.8        | -6.7       | 1.2              | 2.0 | 2.6 | 4.4 | 7.1 | 11.7         | 78.2   | 0.5         |         | 0.1           | 2.6        | W          | —                 |
| 01   | 24    | -0.4            | 6.2        | -6.0       | 1.3              | 2.0 | 2.6 | 4.4 | 7.1 | 11.6         | 83.9   | 0.0         |         | 0.6           | 4.9        | SSW        | 3                 |
| 01   | 25    | 1.5             | 9.2        | -2.3       | 1.4              | 2.1 | 2.6 | 4.3 | 7.0 | 11.5         | 70.7   | 0.0         |         | 0.7           | 5.9        | ESE        | —                 |
| 01   | 26    | -0.1            | 6.4        | -4.7       | 1.5              | 2.1 | 2.7 | 4.3 | 7.0 | 11.4         | 76.8   | 2.0         |         | 0.5           | 5.5        | WSW        | 5                 |
| 01   | 27    | -1.2            | 7.5        | -7.5       | 0.9              | 1.8 | 2.5 | 4.3 | 6.9 | 11.3         | 63.2   | 0.0         |         | 0.8           | 4.6        | WSW        | —                 |
| 01   | 28    | 0.9             | 8.9        | -3.7       | 0.7              | 1.6 | 2.3 | 4.2 | 6.8 | 11.3         | 60.3   | 0.0         |         | 0.7           | 4.6        | SW         | —                 |
| 01   | 29    | 1.2             | 7.3        | -3.2       | 1.1              | 1.7 | 2.3 | 4.1 | 6.7 | 11.2         | 81.1   | 0.0         |         | 1.0           | 6.8        | W          | —                 |
| 01   | 30    | 1.2             | 6.8        | -3.7       | 2.1              | 2.3 | 2.5 | 4.0 | 6.6 | 11.1         | 60.2   | 1.5         |         | 2.0           | 10.0       | WSW        | —                 |
| 01   | 31    | -1.0            | 6.6        | -6.5       | 1.3              | 2.0 | 2.5 | 4.0 | 6.5 | 11.0         | 51.8   | 0.0         |         | 1.5           | 11.4       | W          | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 64.5        |         |               |            |            |                   |
| 平均   | Mean  | -0.2            | 6.7        | -4.7       | 1.0              | 1.8 | 2.5 | 4.7 | 7.8 | 12.3         | 65.1   | 2.1         |         | 0.9           | 6.5        |            | 12.4              |
| 最大   | Max.  | 5.5             | 15.5       | -0.4       | 2.1              | 2.4 | 3.2 | 6.1 | 9.5 | 13.5         | 99.2   | 37.5        |         | 2.0           | 12.3       |            | 50.0              |
| 最低   | Min.  | -3.0            | 0.8        | -8.4       | 0.2              | 1.1 | 1.9 | 4.0 | 6.5 | 11.0         | 46.3   | 0.0         |         | 0.0           | 2.5        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 02   | 1     | -3.2            | 1.1  | -7.4 | 0.6              | 1.5 | 2.2 | 4.0 | 6.4 | 10.9      | 52.0   | 0.0      |         | 2.1           | 12.0 | W    | —              |
| 02   | 2     | -3.1            | 4.1  | -7.8 | 0.2              | 1.2 | 1.9 | 3.9 | 6.4 | 10.8      | 53.6   | 0.0      |         | 1.2           | 9.1  | WSW  | —              |
| 02   | 3     | -2.6            | 5.8  | -7.8 | 0.1              | 1.0 | 1.8 | 3.8 | 6.3 | 10.7      | 56.1   | 0.0      |         | 1.0           | 7.2  | WSW  | —              |
| 02   | 4     | -0.8            | 9.2  | -7.6 | 0.5              | 1.0 | 1.7 | 3.7 | 6.2 | 10.6      | 58.4   | 0.0      |         | 0.9           | 4.3  | SSW  | —              |
| 02   | 5     | 1.2             | 8.4  | -3.7 | 1.4              | 1.4 | 1.7 | 3.6 | 6.2 | 10.5      | 55.9   | 0.0      |         | 1.2           | 8.2  | SE   | —              |
| 02   | 6     | -0.2            | 7.8  | -5.7 | 1.2              | 1.5 | 1.9 | 3.5 | 6.1 | 10.4      | 48.5   | 0.0      |         | 1.0           | 8.2  | SE   | —              |
| 02   | 7     | -0.4            | 7.1  | -6.1 | 1.3              | 1.5 | 1.9 | 3.5 | 6.0 | 10.3      | 64.6   | 0.0      |         | 0.6           | 4.4  | S    | —              |
| 02   | 8     | 0.3             | 4.9  | -3.2 | 1.6              | 1.7 | 2.0 | 3.4 | 5.9 | 10.2      | 82.6   | 0.0      |         | 0.4           | 3.6  | SSE  | —              |
| 02   | 9     | 2.7             | 11.3 | -1.7 | 3.2              | 2.4 | 2.4 | 3.4 | 5.8 | 10.1      | 78.9   | 0.0      |         | 0.8           | 5.6  | SW   | —              |
| 02   | 10    | 3.5             | 12.3 | -1.7 | 3.6              | 3.1 | 3.1 | 3.6 | 5.8 | 10.1      | 74.7   | 0.0      |         | 1.0           | 8.1  | ESE  | —              |
| 02   | 11    | -0.6            | 7.2  | -5.8 | 3.1              | 3.1 | 3.2 | 3.8 | 5.7 | 10.0      | 52.9   | 0.0      |         | 1.0           | 5.8  | SSE  | —              |
| 02   | 12    | -1.5            | 6.9  | -7.0 | 2.1              | 2.5 | 2.9 | 3.9 | 5.7 | 9.9       | 57.7   | 0.0      |         | 0.9           | 5.5  | SSE  | —              |
| 02   | 13    | -1.2            | 5.9  | -6.6 | 1.9              | 2.3 | 2.6 | 3.8 | 5.7 | 9.8       | 69.1   | 0.0      |         | 0.9           | 4.3  | SW   | —              |
| 02   | 14    | 0.8             | 10.0 | -3.8 | 2.6              | 2.5 | 2.7 | 3.8 | 5.7 | 9.8       | 51.9   | 0.0      |         | 1.0           | 7.3  | SSE  | —              |
| 02   | 15    | 2.5             | 13.6 | -4.3 | 3.0              | 2.8 | 2.9 | 3.8 | 5.7 | 9.7       | 56.0   | 0.0      |         | 0.8           | 4.0  | SSW  | —              |
| 02   | 16    | -0.2            | 1.0  | -0.9 | 2.1              | 2.8 | 3.1 | 3.9 | 5.7 | 9.6       | 94.6   | 10.0     |         | 0.4           | 3.8  | ESE  | 11             |
| 02   | 17    | 3.6             | 12.5 | -1.7 | 3.2              | 2.9 | 3.1 | 3.9 | 5.7 | 9.6       | 83.2   | 0.0      |         | 0.7           | 5.2  | SE   | —              |
| 02   | 18    | -0.1            | 5.0  | -2.9 | 2.2              | 2.8 | 3.1 | 3.9 | 5.7 | 9.5       | 77.0   | 1.5      |         | 0.9           | 4.6  | SE   | —              |
| 02   | 19    | -0.9            | 1.6  | -3.6 | 1.8              | 2.5 | 2.9 | 4.0 | 5.6 | 9.5       | 96.7   | 17.0     |         | 0.1           | 2.5  | S    | —              |
| 02   | 20    | 1.4             | 4.9  | -1.6 | 1.6              | 2.3 | 2.8 | 3.9 | 5.6 | 9.4       | 96.7   | 0.0      |         | 0.3           | 4.3  | NW   | —              |
| 02   | 21    | -0.4            | 6.2  | -5.0 | 2.1              | 2.4 | 2.8 | 3.9 | 5.6 | 9.4       | 69.8   | 0.0      |         | 0.7           | 6.1  | SSE  | 5              |
| 02   | 22    | -0.7            | 8.5  | -7.4 | 2.2              | 2.2 | 2.7 | 3.8 | 5.6 | 9.3       | 53.1   | 0.0      |         | 1.0           | 5.1  | SSW  | —              |
| 02   | 23    | 5.0             | 13.0 | -4.3 | 2.9              | 2.6 | 2.8 | 3.8 | 5.6 | 9.3       | 44.1   | 0.0      |         | 3.1           | 16.6 | W    | 0              |
| 02   | 24    | 1.7             | 6.1  | -2.2 | 2.5              | 2.8 | 3.1 | 3.9 | 5.6 | 9.2       | 66.2   | 3.0      |         | 0.6           | 8.8  | ESE  | —              |
| 02   | 25    | -0.6            | 2.3  | -3.0 | 2.1              | 2.7 | 3.1 | 3.9 | 5.5 | 9.2       | 98.0   | 3.0      |         | 0.5           | 4.4  | ESE  | 7              |
| 02   | 26    | -1.7            | 5.2  | -7.1 | 2.6              | 2.6 | 3.0 | 3.9 | 5.5 | 9.1       | 65.2   | 0.0      |         | 1.2           | 9.4  | SW   | —              |
| 02   | 27    | -2.1            | 7.1  | -9.4 | 2.3              | 2.5 | 2.9 | 3.9 | 5.5 | 9.1       | 56.5   | 0.0      |         | 0.9           | 5.0  | S    | —              |
| 02   | 28    | 0.3             | 9.7  | -6.8 | 3.0              | 2.8 | 2.9 | 3.9 | 5.5 | 9.0       | 60.2   | 0.0      |         | 0.8           | 5.2  | SSW  | —              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 34.5     |         |               |      |      |                |
| 平均   | Mean  | 0.1             | 7.1  | -4.9 | 2.0              | 2.3 | 2.6 | 3.8 | 5.8 | 9.8       | 66.9   | 1.2      |         | 0.9           | 6.4  |      | 5.8            |
| 最大   | Max.  | 5.0             | 13.6 | -0.9 | 3.6              | 3.1 | 3.2 | 4.0 | 6.4 | 10.9      | 98.0   | 17.0     |         | 3.1           | 16.6 |      | 11.0           |
| 最低   | Min.  | -3.2            | 1.0  | -9.4 | 0.1              | 1.0 | 1.7 | 3.4 | 5.5 | 9.0       | 44.1   | 0.0      |         | 0.1           | 2.5  |      | 0.0            |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | -1.0            | 7.1        | -6.1       | 2.5              | 2.8 | 3.0 | 3.9 | 5.5 | 9.0          | 60.2   | 0.0         |         | 0.9           | 7.3        | S          | —                 |
| 03   | 2     | -0.9            | 7.4        | -7.8       | 2.2              | 2.5 | 2.8 | 3.9 | 5.5 | 9.0          | 60.3   | 0.0         |         | 0.9           | 5.8        | S          | —                 |
| 03   | 3     | 0.1             | 8.0        | -5.1       | 2.5              | 2.6 | 2.8 | 3.9 | 5.5 | 8.9          | 78.1   | 0.0         |         | 0.7           | 5.6        | SSE        | —                 |
| 03   | 4     | -1.0            | 4.5        | -3.2       | 2.1              | 2.7 | 3.0 | 3.9 | 5.5 | 8.9          | 93.6   | 14.0        |         | 0.4           | 3.9        | ESE        | 14                |
| 03   | 5     | -0.8            | 6.1        | -3.5       | 1.8              | 2.5 | 2.9 | 3.9 | 5.5 | 8.8          | 90.4   | 9.0         |         | 0.4           | 6.0        | SE         | —                 |
| 03   | 6     | -0.6            | 5.0        | -5.7       | 1.7              | 2.4 | 2.8 | 3.9 | 5.5 | 8.8          | 87.4   | 0.5         |         | 0.5           | 4.3        | SE         | —                 |
| 03   | 7     | 0.3             | 8.9        | -7.2       | 2.5              | 2.4 | 2.7 | 3.8 | 5.4 | 8.8          | 76.1   | 0.0         |         | 0.9           | 5.2        | SW         | 3                 |
| 03   | 8     | 4.8             | 16.0       | -2.5       | 4.0              | 3.1 | 3.1 | 3.7 | 5.4 | 8.8          | 57.4   | 0.0         |         | 1.1           | 6.0        | W          | —                 |
| 03   | 9     | 8.6             | 18.0       | 1.0        | 5.6              | 4.4 | 4.0 | 3.9 | 5.3 | 8.7          | 50.8   | 0.0         |         | 1.3           | 8.6        | E          | —                 |
| 03   | 10    | 4.3             | 13.5       | -1.7       | 5.1              | 4.7 | 4.5 | 4.2 | 5.3 | 8.7          | 77.2   | 0.0         |         | 0.6           | 5.8        | SSE        | —                 |
| 03   | 11    | 6.2             | 12.3       | 1.9        | 4.7              | 4.7 | 4.6 | 4.4 | 5.3 | 8.6          | 88.2   | 0.0         |         | 0.8           | 6.8        | NW         | —                 |
| 03   | 12    | 4.9             | 13.1       | -2.5       | 5.2              | 4.9 | 4.8 | 4.6 | 5.4 | 8.5          | 56.4   | 0.0         |         | 1.8           | 10.4       | W          | —                 |
| 03   | 13    | -1.1            | 4.9        | -5.4       | 3.6              | 4.2 | 4.5 | 4.8 | 5.5 | 8.5          | 42.3   | 0.0         |         | 1.2           | 9.4        | WSW        | —                 |
| 03   | 14    | -1.3            | 5.6        | -7.1       | 2.4              | 3.3 | 3.8 | 4.8 | 5.5 | 8.5          | 45.9   | 0.0         |         | 0.9           | 6.4        | SW         | —                 |
| 03   | 15    | 0.4             | 7.6        | -5.7       | 2.3              | 2.9 | 3.3 | 4.6 | 5.6 | 8.5          | 53.5   | 0.0         |         | 0.8           | 5.5        | SSE        | —                 |
| 03   | 16    | 6.8             | 16.7       | -1.1       | 4.8              | 3.9 | 3.7 | 4.4 | 5.6 | 8.4          | 59.3   | 0.0         |         | 1.0           | 5.5        | SSW        | —                 |
| 03   | 17    | 5.6             | 12.9       | -0.1       | 4.9              | 4.7 | 4.5 | 4.6 | 5.6 | 8.4          | 86.0   | 9.0         |         | 1.8           | 15.8       | SW         | —                 |
| 03   | 18    | 6.5             | 14.3       | -0.6       | 6.3              | 5.6 | 5.3 | 4.8 | 5.6 | 8.4          | 59.9   | 0.0         |         | 1.7           | 12.6       | W          | —                 |
| 03   | 19    | 2.9             | 12.0       | -2.3       | 5.4              | 5.3 | 5.3 | 5.1 | 5.7 | 8.4          | 40.6   | 0.0         |         | 1.2           | 8.4        | SSW        | —                 |
| 03   | 20    | 1.5             | 9.3        | -3.3       | 3.6              | 4.5 | 4.8 | 5.2 | 5.7 | 8.4          | 62.0   | 0.0         |         | 0.5           | 4.8        | S          | —                 |
| 03   | 21    | 6.5             | 16.6       | -0.2       | 5.6              | 4.9 | 4.8 | 5.2 | 5.8 | 8.3          | 38.5   | 0.0         |         | 1.3           | 8.5        | SW         | —                 |
| 03   | 22    | 5.2             | 10.3       | 0.4        | 4.6              | 5.0 | 5.1 | 5.3 | 5.9 | 8.3          | 75.0   | 1.0         |         | 1.4           | 15.2       | NW         | —                 |
| 03   | 23    | 5.8             | 8.7        | 2.3        | 5.4              | 5.3 | 5.3 | 5.4 | 5.9 | 8.3          | 98.7   | 31.0        |         | 0.2           | 5.5        | NW         | —                 |
| 03   | 24    | 4.5             | 10.3       | 0.4        | 6.1              | 5.7 | 5.6 | 5.5 | 5.9 | 8.3          | 82.8   | 0.5         |         | 1.2           | 13.6       | SSW        | —                 |
| 03   | 25    | 0.8             | 4.5        | -2.7       | 4.7              | 5.3 | 5.6 | 5.7 | 6.0 | 8.3          | 47.5   | 0.0         |         | 3.2           | 15.4       | W          | —                 |
| 03   | 26    | 3.1             | 11.3       | -3.6       | 4.7              | 4.8 | 5.0 | 5.6 | 6.0 | 8.3          | 47.4   | 0.0         |         | 1.7           | 12.4       | W          | —                 |
| 03   | 27    | 6.9             | 16.6       | -2.2       | 6.0              | 5.4 | 5.3 | 5.6 | 6.1 | 8.2          | 51.1   | 0.0         |         | 1.0           | 5.8        | SSW        | —                 |
| 03   | 28    | 4.9             | 6.1        | 3.8        | 5.6              | 5.9 | 5.8 | 5.7 | 6.1 | 8.2          | 85.9   | 5.0         |         | 0.5           | 4.9        | E          | —                 |
| 03   | 29    | 5.8             | 14.8       | -1.7       | 6.8              | 6.2 | 6.0 | 5.8 | 6.2 | 8.2          | 77.4   | 0.0         |         | 1.0           | 5.7        | E          | —                 |
| 03   | 30    | 3.2             | 12.7       | -2.9       | 6.0              | 6.0 | 6.0 | 6.0 | 6.2 | 8.2          | 55.8   | 0.0         |         | 1.2           | 7.6        | SW         | —                 |
| 03   | 31    | 3.7             | 11.9       | -2.5       | 5.4              | 5.7 | 5.8 | 6.0 | 6.3 | 8.2          | 60.2   | 0.0         |         | 0.9           | 4.9        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 70.0        |         |               |            |            |                   |
| 平均   | Mean  | 3.1             | 10.5       | -2.5       | 4.3              | 4.3 | 4.4 | 4.8 | 5.7 | 8.5          | 66.0   | 2.3         |         | 1.1           | 7.8        |            | 8.5               |
| 最大   | Max.  | 8.6             | 18.0       | 3.8        | 6.8              | 6.2 | 6.0 | 6.0 | 6.3 | 9.0          | 98.7   | 31.0        |         | 3.2           | 15.8       |            | 14.0              |
| 最低   | Min.  | -1.3            | 4.5        | -7.8       | 1.7              | 2.4 | 2.7 | 3.7 | 5.3 | 8.2          | 38.5   | 0.0         |         | 0.2           | 3.9        |            | 3.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 5.1             | 14.4       | -1.7       | 6.2              | 5.9  | 5.8  | 6.0  | 6.3 | 8.2          | 49.3   | 0.0         |         | 1.0           | 7.3        | SE         | —                 |
| 04   | 2     | 5.3             | 12.2       | -1.8       | 6.2              | 6.1  | 6.0  | 6.1  | 6.4 | 8.2          | 63.4   | 0.0         |         | 0.8           | 6.8        | SE         | —                 |
| 04   | 3     | 7.9             | 18.4       | 2.2        | 7.4              | 6.8  | 6.6  | 6.2  | 6.4 | 8.2          | 79.7   | 15.5        |         | 0.7           | 5.3        | SSW        | —                 |
| 04   | 4     | 2.3             | 8.7        | -1.5       | 5.9              | 6.5  | 6.6  | 6.5  | 6.5 | 8.2          | 87.8   | 16.5        |         | 0.5           | 7.2        | WNW        | 2                 |
| 04   | 5     | 6.9             | 17.1       | -1.8       | 6.8              | 6.3  | 6.2  | 6.5  | 6.5 | 8.3          | 71.3   | 0.0         |         | 0.8           | 4.6        | SSE        | —                 |
| 04   | 6     | 15.7            | 27.6       | 5.1        | 9.7              | 8.1  | 7.4  | 6.5  | 6.6 | 8.2          | 42.9   | 0.0         |         | 1.0           | 6.0        | WNW        | —                 |
| 04   | 7     | 16.5            | 25.1       | 11.1       | 11.3             | 9.7  | 8.8  | 7.0  | 6.6 | 8.2          | 42.3   | 0.0         |         | 1.8           | 9.5        | WNW        | —                 |
| 04   | 8     | 13.8            | 21.9       | 4.7        | 11.9             | 10.6 | 9.7  | 7.5  | 6.7 | 8.2          | 50.8   | 0.0         |         | 1.4           | 7.6        | E          | —                 |
| 04   | 9     | 11.3            | 21.6       | 2.0        | 10.7             | 10.1 | 9.6  | 8.0  | 6.9 | 8.2          | 55.5   | 0.0         |         | 0.8           | 5.9        | SE         | —                 |
| 04   | 10    | 13.4            | 21.8       | 5.7        | 11.9             | 10.7 | 10.0 | 8.3  | 7.0 | 8.2          | 70.7   | 0.0         |         | 1.1           | 8.9        | SSW        | —                 |
| 04   | 11    | 11.8            | 17.8       | 5.5        | 11.4             | 11.1 | 10.6 | 8.7  | 7.2 | 8.2          | 84.1   | 3.0         |         | 0.9           | 7.9        | ESE        | —                 |
| 04   | 12    | 3.7             | 5.8        | 3.0        | 8.7              | 9.6  | 9.8  | 8.9  | 7.4 | 8.3          | 99.6   | 3.5         |         | 0.5           | 3.7        | ESE        | —                 |
| 04   | 13    | 4.9             | 8.9        | 0.8        | 8.0              | 8.6  | 8.9  | 8.9  | 7.6 | 8.3          | 98.0   | 0.5         |         | 0.0           | 1.8        | NE         | —                 |
| 04   | 14    | 8.7             | 18.1       | -0.1       | 9.4              | 8.7  | 8.7  | 8.7  | 7.8 | 8.3          | 74.9   | 0.0         |         | 0.8           | 5.8        | SE         | —                 |
| 04   | 15    | 11.0            | 19.6       | 2.3        | 10.7             | 10.0 | 9.5  | 8.7  | 7.9 | 8.4          | 70.2   | 0.0         |         | 0.9           | 5.5        | SE         | —                 |
| 04   | 16    | 8.2             | 13.4       | 4.5        | 9.6              | 9.9  | 9.7  | 8.9  | 8.0 | 8.4          | 82.1   | 6.5         |         | 0.5           | 4.3        | SE         | —                 |
| 04   | 17    | 10.9            | 22.6       | 1.8        | 10.2             | 9.7  | 9.5  | 9.0  | 8.1 | 8.4          | 63.1   | 0.0         |         | 1.5           | 12.1       | W          | —                 |
| 04   | 18    | 9.2             | 15.4       | 5.4        | 10.6             | 10.2 | 9.9  | 9.1  | 8.2 | 8.5          | 77.2   | 1.0         |         | 0.7           | 5.7        | SE         | —                 |
| 04   | 19    | 12.4            | 21.6       | 3.7        | 11.8             | 10.9 | 10.4 | 9.3  | 8.3 | 8.5          | 68.1   | 0.0         |         | 0.8           | 5.8        | SE         | —                 |
| 04   | 20    | 5.7             | 9.2        | 4.7        | 9.4              | 10.3 | 10.4 | 9.6  | 8.4 | 8.6          | 97.1   | 9.0         |         | 1.2           | 10.8       | E          | —                 |
| 04   | 21    | 10.5            | 19.4       | 4.6        | 10.7             | 10.1 | 10.0 | 9.6  | 8.5 | 8.6          | 72.0   | 0.0         |         | 0.9           | 9.7        | W          | —                 |
| 04   | 22    | 8.9             | 16.8       | 3.4        | 10.6             | 10.5 | 10.3 | 9.7  | 8.6 | 8.7          | 57.8   | 0.0         |         | 1.5           | 11.0       | W          | —                 |
| 04   | 23    | 9.2             | 17.8       | 2.8        | 10.2             | 10.1 | 10.1 | 9.7  | 8.7 | 8.7          | 44.9   | 0.0         |         | 1.2           | 7.9        | ESE        | —                 |
| 04   | 24    | 9.7             | 18.5       | 0.9        | 10.6             | 10.3 | 10.1 | 9.7  | 8.8 | 8.8          | 61.2   | 0.0         |         | 0.9           | 5.6        | SE         | —                 |
| 04   | 25    | 11.4            | 19.5       | 5.3        | 12.5             | 11.5 | 10.9 | 9.8  | 8.9 | 8.9          | 77.3   | 0.0         |         | 0.9           | 9.2        | SE         | —                 |
| 04   | 26    | 10.8            | 17.9       | 4.7        | 12.0             | 11.8 | 11.4 | 10.1 | 9.0 | 8.9          | 80.2   | 2.0         |         | 0.6           | 6.0        | E          | —                 |
| 04   | 27    | 11.9            | 21.2       | 2.6        | 11.8             | 11.3 | 11.1 | 10.3 | 9.1 | 9.0          | 64.8   | 0.0         |         | 0.9           | 5.2        | ESE        | —                 |
| 04   | 28    | 18.9            | 28.5       | 7.6        | 13.4             | 12.3 | 11.7 | 10.4 | 9.2 | 9.0          | 39.1   | 0.0         |         | 1.5           | 9.4        | WNW        | —                 |
| 04   | 29    | 21.4            | 30.5       | 13.5       | 15.1             | 13.5 | 12.7 | 10.8 | 9.3 | 9.1          | 41.5   | 0.0         |         | 1.3           | 11.3       | W          | —                 |
| 04   | 30    | 16.3            | 24.0       | 10.1       | 15.0             | 14.0 | 13.3 | 11.2 | 9.4 | 9.1          | 61.2   | 0.0         |         | 0.7           | 5.8        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |     |              |        | 57.5        |         |               |            |            |                   |
| 平均   | Mean  | 10.5            | 18.5       | 3.7        | 10.3             | 9.8  | 9.5  | 8.7  | 7.8 | 8.5          | 67.6   | 1.9         |         | 0.9           | 7.1        |            | 2.0               |
| 最大   | Max.  | 21.4            | 30.5       | 13.5       | 15.1             | 14.0 | 13.3 | 11.2 | 9.4 | 9.1          | 99.6   | 16.5        |         | 1.8           | 12.1       |            | 2.0               |
| 最低   | Min.  | 2.3             | 5.8        | -1.8       | 5.9              | 5.9  | 5.8  | 6.0  | 6.3 | 8.2          | 39.1   | 0.0         |         | 0.0           | 1.8        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 14.4            | 20.6       | 8.6        | 14.0             | 13.7 | 13.3 | 11.5 | 9.6  | 9.2          | 69.9   | 0.5         |         | 1.1           | 8.2        | ESE        | —                 |
| 05   | 2     | 16.4            | 24.2       | 11.4       | 15.1             | 14.1 | 13.5 | 11.7 | 9.8  | 9.2          | 67.3   | 1.0         |         | 0.6           | 5.6        | ESE        | —                 |
| 05   | 3     | 14.5            | 22.1       | 8.4        | 14.8             | 14.2 | 13.7 | 12.0 | 9.9  | 9.3          | 44.8   | 0.0         |         | 0.7           | 5.5        | ESE        | —                 |
| 05   | 4     | 15.4            | 25.8       | 5.9        | 14.3             | 13.9 | 13.5 | 12.2 | 10.1 | 9.4          | 57.8   | 0.0         |         | 0.8           | 6.1        | ESE        | —                 |
| 05   | 5     | 16.0            | 24.1       | 9.3        | 14.9             | 14.2 | 13.7 | 12.3 | 10.3 | 9.4          | 59.4   | 0.0         |         | 0.7           | 6.1        | ESE        | —                 |
| 05   | 6     | 9.2             | 13.0       | 5.7        | 12.9             | 13.6 | 13.5 | 12.4 | 10.4 | 9.5          | 84.3   | 1.5         |         | 0.4           | 4.3        | ESE        | —                 |
| 05   | 7     | 12.0            | 23.2       | 5.7        | 13.1             | 12.9 | 12.8 | 12.4 | 10.6 | 9.6          | 87.7   | 1.0         |         | 0.4           | 4.2        | ESE        | —                 |
| 05   | 8     | 12.5            | 19.5       | 7.0        | 13.5             | 13.2 | 13.0 | 12.3 | 10.7 | 9.6          | 79.9   | 0.5         |         | 0.8           | 5.7        | ESE        | —                 |
| 05   | 9     | 15.0            | 21.7       | 9.8        | 15.2             | 14.3 | 13.7 | 12.4 | 10.8 | 9.7          | 77.2   | 0.0         |         | 0.7           | 6.8        | ESE        | —                 |
| 05   | 10    | 12.0            | 20.1       | 5.6        | 14.2             | 14.2 | 13.9 | 12.7 | 10.9 | 9.8          | 52.9   | 0.0         |         | 0.9           | 5.8        | ESE        | —                 |
| 05   | 11    | 9.4             | 16.7       | 3.5        | 12.8             | 13.2 | 13.2 | 12.7 | 11.1 | 9.9          | 75.1   | 0.0         |         | 0.8           | 5.5        | ESE        | —                 |
| 05   | 12    | 7.8             | 9.5        | 4.9        | 11.7             | 12.6 | 12.8 | 12.6 | 11.2 | 9.9          | 92.1   | 4.5         |         | 0.5           | 4.3        | ESE        | —                 |
| 05   | 13    | 7.1             | 9.1        | 5.0        | 10.7             | 11.6 | 12.0 | 12.5 | 11.3 | 10.0         | 98.6   | 1.5         |         | 0.3           | 3.4        | ESE        | —                 |
| 05   | 14    | 9.3             | 14.8       | 5.6        | 12.1             | 11.9 | 12.0 | 12.3 | 11.3 | 10.1         | 87.6   | 0.0         |         | 0.8           | 5.9        | ESE        | —                 |
| 05   | 15    | 10.4            | 20.1       | 4.4        | 12.6             | 12.5 | 12.4 | 12.2 | 11.4 | 10.2         | 86.9   | 2.0         |         | 0.5           | 8.8        | SSE        | —                 |
| 05   | 16    | 11.7            | 21.4       | 3.5        | 12.2             | 12.3 | 12.3 | 12.2 | 11.4 | 10.3         | 50.9   | 0.0         |         | 1.1           | 9.0        | NW         | —                 |
| 05   | 17    | 11.9            | 20.6       | 3.9        | 12.6             | 12.6 | 12.4 | 12.2 | 11.4 | 10.3         | 71.8   | 0.0         |         | 0.8           | 7.0        | SE         | —                 |
| 05   | 18    | 12.8            | 18.2       | 7.7        | 13.0             | 13.0 | 12.8 | 12.3 | 11.5 | 10.4         | 81.9   | 0.0         |         | 1.0           | 9.9        | SE         | —                 |
| 05   | 19    | 17.4            | 25.1       | 11.5       | 15.1             | 14.0 | 13.4 | 12.4 | 11.5 | 10.5         | 66.4   | 0.0         |         | 0.8           | 6.4        | ESE        | —                 |
| 05   | 20    | 14.3            | 21.3       | 9.2        | 14.5             | 14.4 | 14.0 | 12.8 | 11.6 | 10.6         | 65.4   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 05   | 21    | 15.7            | 24.2       | 7.2        | 14.2             | 14.0 | 13.7 | 13.0 | 11.6 | 10.6         | 58.7   | 0.0         |         | 0.7           | 5.1        | SSE        | —                 |
| 05   | 22    | 14.7            | 21.3       | 11.6       | 14.4             | 14.3 | 14.1 | 13.1 | 11.7 | 10.7         | 78.0   | 1.5         |         | 0.4           | 4.6        | WSW        | —                 |
| 05   | 23    | 14.7            | 22.0       | 10.3       | 14.7             | 14.4 | 14.1 | 13.2 | 11.8 | 10.8         | 85.4   | 5.5         |         | 0.5           | 4.9        | ESE        | —                 |
| 05   | 24    | 12.0            | 19.0       | 6.0        | 14.1             | 14.3 | 14.1 | 13.3 | 11.9 | 10.8         | 83.5   | 1.0         |         | 0.6           | 6.4        | E          | —                 |
| 05   | 25    | 13.3            | 21.2       | 7.0        | 14.1             | 14.1 | 14.0 | 13.4 | 12.0 | 10.9         | 71.9   | 0.0         |         | 0.8           | 5.6        | SSE        | —                 |
| 05   | 26    | 12.8            | 19.2       | 6.5        | 13.7             | 14.0 | 13.9 | 13.4 | 12.1 | 10.9         | 78.9   | 0.0         |         | 0.5           | 5.2        | SE         | —                 |
| 05   | 27    | 14.2            | 22.3       | 7.4        | 14.2             | 14.1 | 13.9 | 13.4 | 12.2 | 11.0         | 81.8   | 0.5         |         | 0.7           | 6.4        | SE         | —                 |
| 05   | 28    | 14.3            | 18.4       | 8.9        | 14.4             | 14.4 | 14.2 | 13.5 | 12.3 | 11.1         | 84.7   | 0.0         |         | 0.4           | 3.7        | SE         | —                 |
| 05   | 29    | 15.5            | 21.4       | 11.4       | 15.2             | 14.9 | 14.5 | 13.6 | 12.4 | 11.1         | 75.7   | 0.0         |         | 0.6           | 4.6        | ESE        | —                 |
| 05   | 30    | 11.9            | 13.4       | 10.0       | 13.8             | 14.3 | 14.4 | 13.8 | 12.4 | 11.2         | 93.8   | 25.5        |         | 0.3           | 3.7        | E          | —                 |
| 05   | 31    | 13.7            | 21.6       | 10.0       | 13.4             | 13.7 | 13.9 | 13.8 | 12.5 | 11.2         | 90.8   | 22.5        |         | 0.4           | 4.9        | NW         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 69.0        |         |               |            |            |                   |
| 平均   | Mean  | 13.0            | 19.8       | 7.5        | 13.7             | 13.6 | 13.4 | 12.7 | 11.3 | 10.2         | 75.5   | 2.2         |         | 0.7           | 5.7        |            |                   |
| 最大   | Max.  | 17.4            | 25.8       | 11.6       | 15.2             | 14.9 | 14.5 | 13.8 | 12.5 | 11.2         | 98.6   | 25.5        |         | 1.1           | 9.9        |            |                   |
| 最低   | Min.  | 7.1             | 9.1        | 3.5        | 10.7             | 11.6 | 12.0 | 11.5 | 9.6  | 9.2          | 44.8   | 0.0         |         | 0.3           | 3.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 17.1            | 25.1       | 9.8        | 14.6             | 14.2 | 14.0 | 13.7 | 12.6 | 11.3         | 78.9   | 0.0         |         | 0.6           | 4.6        | ESE        | —                 |
| 06   | 2     | 14.8            | 19.1       | 12.3       | 15.1             | 14.9 | 14.7 | 13.8 | 12.6 | 11.3         | 90.4   | 5.5         |         | 0.4           | 12.7       | NW         | —                 |
| 06   | 3     | 16.2            | 22.6       | 12.0       | 16.4             | 15.5 | 15.0 | 14.0 | 12.7 | 11.4         | 91.4   | 0.5         |         | 0.4           | 4.2        | ESE        | —                 |
| 06   | 4     | 16.4            | 22.2       | 13.3       | 17.3             | 16.5 | 16.0 | 14.3 | 12.8 | 11.4         | 92.7   | 7.5         |         | 0.5           | 5.4        | ESE        | —                 |
| 06   | 5     | 15.5            | 22.0       | 10.8       | 16.8             | 16.5 | 16.1 | 14.6 | 12.9 | 11.5         | 89.7   | 26.5        |         | 0.5           | 4.2        | WSW        | —                 |
| 06   | 6     | 17.5            | 26.4       | 10.6       | 18.0             | 17.0 | 16.5 | 14.9 | 13.0 | 11.6         | 74.1   | 0.0         |         | 0.7           | 4.5        | SE         | —                 |
| 06   | 7     | 17.0            | 24.3       | 10.6       | 18.4             | 17.6 | 17.0 | 15.2 | 13.2 | 11.6         | 80.0   | 0.0         |         | 0.8           | 5.2        | ESE        | —                 |
| 06   | 8     | 16.3            | 21.9       | 13.9       | 18.0             | 17.7 | 17.3 | 15.5 | 13.3 | 11.7         | 89.0   | 0.0         |         | 0.4           | 4.6        | SE         | —                 |
| 06   | 9     | 18.8            | 26.0       | 11.4       | 19.4             | 18.0 | 17.4 | 15.6 | 13.5 | 11.8         | 75.3   | 0.0         |         | 0.7           | 4.9        | SE         | —                 |
| 06   | 10    | 17.0            | 20.5       | 14.9       | 18.6             | 18.3 | 17.9 | 15.9 | 13.6 | 11.8         | 91.5   | 2.5         |         | 0.3           | 4.4        | SE         | —                 |
| 06   | 11    | 18.1            | 20.1       | 15.9       | 18.5             | 18.0 | 17.7 | 16.1 | 13.8 | 11.9         | 96.8   | 1.5         |         | 0.1           | 3.2        | ESE        | —                 |
| 06   | 12    | 20.5            | 27.8       | 14.2       | 20.2             | 18.8 | 18.1 | 16.2 | 13.9 | 12.0         | 80.2   | 0.0         |         | 0.5           | 5.6        | ESE        | —                 |
| 06   | 13    | 19.6            | 25.1       | 16.6       | 20.7             | 19.8 | 19.0 | 16.5 | 14.0 | 12.0         | 84.5   | 1.0         |         | 0.5           | 4.8        | ESE        | —                 |
| 06   | 14    | 18.2            | 20.7       | 15.1       | 19.5             | 19.3 | 18.9 | 16.9 | 14.2 | 12.1         | 89.3   | 0.0         |         | 0.2           | 3.3        | E          | —                 |
| 06   | 15    | 15.5            | 17.0       | 13.9       | 18.4             | 18.5 | 18.4 | 17.0 | 14.3 | 12.2         | 96.6   | 14.0        |         | 0.2           | 2.6        | SE         | —                 |
| 06   | 16    | 14.6            | 16.1       | 13.6       | 17.3             | 17.7 | 17.8 | 16.9 | 14.5 | 12.3         | 99.1   | 7.0         |         | 0.1           | 2.8        | E          | —                 |
| 06   | 17    | 17.9            | 24.9       | 12.7       | 19.4             | 18.3 | 17.9 | 16.8 | 14.6 | 12.4         | 88.7   | 0.5         |         | 0.6           | 6.3        | ESE        | —                 |
| 06   | 18    | 19.8            | 26.2       | 15.5       | 20.7             | 19.6 | 18.9 | 17.0 | 14.7 | 12.4         | 84.0   | 0.0         |         | 0.4           | 5.4        | SE         | —                 |
| 06   | 19    | 20.2            | 26.0       | 15.9       | 20.9             | 20.2 | 19.5 | 17.3 | 14.9 | 12.5         | 84.4   | 0.0         |         | 0.6           | 4.5        | SE         | —                 |
| 06   | 20    | 20.3            | 27.9       | 16.0       | 21.1             | 20.4 | 19.7 | 17.6 | 15.0 | 12.6         | 81.0   | 0.0         |         | 0.6           | 6.2        | SSW        | —                 |
| 06   | 21    | 21.4            | 28.9       | 15.6       | 21.2             | 20.5 | 19.8 | 17.8 | 15.1 | 12.7         | 77.3   | 0.0         |         | 0.7           | 5.3        | ESE        | —                 |
| 06   | 22    | 18.1            | 20.8       | 15.9       | 19.8             | 20.0 | 19.8 | 18.1 | 15.3 | 12.7         | 95.3   | 16.0        |         | 0.1           | 2.2        | WSW        | —                 |
| 06   | 23    | 19.1            | 24.6       | 16.7       | 19.9             | 19.7 | 19.5 | 18.1 | 15.4 | 12.8         | 95.7   | 5.0         |         | 0.2           | 5.8        | SW         | —                 |
| 06   | 24    | 21.2            | 28.2       | 16.0       | 20.7             | 20.1 | 19.7 | 18.1 | 15.6 | 12.9         | 83.1   | 0.0         |         | 0.4           | 3.9        | WSW        | —                 |
| 06   | 25    | 23.9            | 31.6       | 16.9       | 21.9             | 21.0 | 20.3 | 18.3 | 15.7 | 13.0         | 74.8   | 0.0         |         | 0.7           | 4.8        | SW         | —                 |
| 06   | 26    | 24.7            | 31.2       | 19.9       | 22.7             | 21.9 | 21.1 | 18.6 | 15.8 | 13.1         | 78.5   | 0.0         |         | 0.5           | 4.2        | W          | —                 |
| 06   | 27    | 23.7            | 29.7       | 19.8       | 22.7             | 22.2 | 21.5 | 19.0 | 16.0 | 13.2         | 81.0   | 0.0         |         | 0.6           | 4.5        | W          | —                 |
| 06   | 28    | 25.1            | 30.7       | 20.4       | 22.6             | 22.1 | 21.5 | 19.3 | 16.1 | 13.3         | 73.8   | 0.5         |         | 0.5           | 4.4        | N          | —                 |
| 06   | 29    | 21.4            | 26.2       | 18.7       | 21.9             | 21.8 | 21.4 | 19.5 | 16.3 | 13.4         | 92.5   | 21.0        |         | 0.3           | 4.1        | ESE        | —                 |
| 06   | 30    | 22.1            | 27.3       | 18.8       | 22.0             | 21.8 | 21.4 | 19.8 | 16.6 | 13.5         | 92.0   | 33.5        |         | 0.3           | 4.2        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 142.5       |         |               |            |            |                   |
| 平均   | Mean  | 19.1            | 24.7       | 14.9       | 19.5             | 18.9 | 18.5 | 16.7 | 14.4 | 12.3         | 86.1   | 4.8         |         | 0.4           | 4.7        |            |                   |
| 最大   | Max.  | 25.1            | 31.6       | 20.4       | 22.7             | 22.2 | 21.5 | 19.8 | 16.6 | 13.5         | 99.1   | 33.5        |         | 0.8           | 12.7       |            |                   |
| 最低   | Min.  | 14.6            | 16.1       | 9.8        | 14.6             | 14.2 | 14.0 | 13.7 | 12.6 | 11.3         | 73.8   | 0.0         |         | 0.1           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 20.2            | 22.8       | 18.3       | 21.6             | 21.8 | 21.6 | 20.0 | 16.9 | 13.6         | 95.3   | 14.0        |         | 0.1           | 3.5        | W          | —                 |
| 07   | 2     | 21.1            | 28.1       | 17.6       | 21.7             | 21.6 | 21.3 | 20.0 | 17.1 | 13.7         | 88.9   | 0.0         |         | 0.3           | 5.0        | W          | —                 |
| 07   | 3     | 17.8            | 19.1       | 16.7       | 20.7             | 21.2 | 21.2 | 20.1 | 17.3 | 13.9         | 98.3   | 1.0         |         | 0.4           | 3.5        | ESE        | —                 |
| 07   | 4     | 16.4            | 17.7       | 15.0       | 18.4             | 19.5 | 20.0 | 20.0 | 17.5 | 14.0         | 99.6   | 48.0        |         | 0.0           | 1.9        | ESE        | —                 |
| 07   | 5     | 21.3            | 27.6       | 16.6       | 20.4             | 20.0 | 19.9 | 19.7 | 17.8 | 14.3         | 91.0   | 8.5         |         | 0.3           | 3.7        | ESE        | —                 |
| 07   | 6     | 19.0            | 22.0       | 16.9       | 20.5             | 20.7 | 20.6 | 19.8 | 17.9 | 14.4         | 96.2   | 27.5        |         | 0.3           | 4.2        | SE         | —                 |
| 07   | 7     | 19.5            | 24.5       | 15.4       | 20.6             | 20.7 | 20.5 | 19.9 | 18.0 | 14.6         | 91.5   | 0.0         |         | 0.4           | 4.6        | ESE        | —                 |
| 07   | 8     | 18.6            | 24.0       | 14.5       | 20.2             | 20.5 | 20.5 | 19.9 | 18.0 | 14.8         | 91.6   | 0.0         |         | 0.6           | 4.1        | ESE        | —                 |
| 07   | 9     | 16.4            | 18.1       | 15.1       | 19.4             | 20.1 | 20.2 | 19.8 | 18.1 | 14.9         | 97.6   | 10.0        |         | 0.3           | 3.3        | ESE        | —                 |
| 07   | 10    | 19.3            | 23.4       | 15.4       | 19.7             | 19.8 | 19.9 | 19.7 | 18.1 | 15.0         | 93.5   | 0.5         |         | 0.3           | 3.3        | WNW        | —                 |
| 07   | 11    | 22.1            | 27.3       | 17.4       | 20.9             | 20.5 | 20.3 | 19.7 | 18.1 | 15.1         | 83.5   | 0.0         |         | 0.3           | 3.3        | WNW        | —                 |
| 07   | 12    | 20.8            | 25.4       | 19.2       | 21.3             | 21.1 | 20.9 | 19.8 | 18.1 | 15.2         | 96.0   | 0.0         |         | 0.2           | 3.6        | ESE        | —                 |
| 07   | 13    | 18.2            | 19.5       | 16.8       | 20.5             | 20.8 | 20.8 | 19.9 | 18.1 | 15.3         | 98.3   | 0.0         |         | 0.4           | 3.2        | ESE        | —                 |
| 07   | 14    | 19.5            | 22.7       | 16.7       | 20.4             | 20.5 | 20.4 | 19.9 | 18.2 | 15.3         | 93.5   | 0.5         |         | 0.2           | 3.9        | SE         | —                 |
| 07   | 15    | 23.3            | 28.8       | 17.8       | 22.1             | 21.4 | 21.0 | 19.9 | 18.2 | 15.4         | 84.1   | 0.0         |         | 0.5           | 4.3        | SSE        | —                 |
| 07   | 16    | 23.1            | 28.5       | 20.0       | 22.5             | 22.1 | 21.7 | 20.1 | 18.2 | 15.5         | 88.8   | 0.0         |         | 0.3           | 3.8        | SSW        | —                 |
| 07   | 17    | 23.4            | 29.2       | 18.9       | 22.6             | 22.2 | 21.8 | 20.3 | 18.3 | 15.5         | 83.6   | 0.0         |         | 0.4           | 2.7        | WSW        | —                 |
| 07   | 18    | 24.6            | 31.7       | 18.3       | 23.1             | 22.6 | 22.1 | 20.5 | 18.3 | 15.6         | 77.0   | 0.0         |         | 0.6           | 4.4        | SSW        | —                 |
| 07   | 19    | 22.3            | 29.0       | 17.1       | 22.5             | 22.6 | 22.3 | 20.7 | 18.4 | 15.7         | 74.3   | 0.0         |         | 0.7           | 5.6        | WNW        | —                 |
| 07   | 20    | 20.3            | 28.1       | 15.0       | 21.4             | 21.8 | 21.7 | 20.8 | 18.5 | 15.7         | 77.1   | 0.0         |         | 0.6           | 5.2        | S          | —                 |
| 07   | 21    | 23.1            | 30.7       | 16.1       | 22.2             | 21.9 | 21.7 | 20.7 | 18.6 | 15.8         | 75.1   | 0.0         |         | 0.6           | 5.2        | SSE        | —                 |
| 07   | 22    | 23.2            | 31.2       | 18.0       | 23.1             | 22.7 | 22.2 | 20.8 | 18.7 | 15.8         | 82.3   | 0.0         |         | 0.9           | 5.2        | ESE        | —                 |
| 07   | 23    | 18.2            | 20.5       | 16.8       | 21.5             | 22.1 | 22.1 | 21.0 | 18.8 | 15.9         | 96.7   | 0.5         |         | 0.3           | 4.1        | ESE        | —                 |
| 07   | 24    | 21.4            | 27.1       | 17.5       | 21.9             | 21.8 | 21.6 | 20.9 | 18.9 | 15.9         | 87.9   | 0.0         |         | 0.4           | 3.2        | SE         | —                 |
| 07   | 25    | 22.1            | 26.5       | 19.7       | 22.4             | 22.2 | 21.9 | 20.9 | 18.9 | 16.0         | 91.6   | 14.5        |         | 0.4           | 4.9        | ESE        | —                 |
| 07   | 26    | 20.3            | 21.0       | 19.3       | 20.7             | 21.3 | 21.5 | 21.2 | 19.1 | 16.1         | 99.4   | 154.5       |         | 0.2           | 3.3        | E          | —                 |
| 07   | 27    | 24.8            | 33.6       | 18.3       | 22.5             | 21.9 | 21.7 | 21.3 | 19.7 | 16.6         | 72.2   | 0.0         |         | 1.0           | 7.4        | NW         | —                 |
| 07   | 28    | 23.6            | 30.8       | 17.0       | 22.6             | 22.5 | 22.3 | 21.4 | 19.7 | 16.7         | 77.3   | 0.0         |         | 0.7           | 4.7        | SE         | —                 |
| 07   | 29    | 24.4            | 30.9       | 17.8       | 23.3             | 22.9 | 22.6 | 21.5 | 19.7 | 16.8         | 82.1   | 0.0         |         | 0.6           | 5.8        | ESE        | —                 |
| 07   | 30    | 23.0            | 27.7       | 20.8       | 23.4             | 23.3 | 23.0 | 21.7 | 19.7 | 16.8         | 91.0   | 10.0        |         | 0.3           | 6.8        | ESE        | —                 |
| 07   | 31    | 22.8            | 28.3       | 19.5       | 23.3             | 23.2 | 23.0 | 21.9 | 19.8 | 16.9         | 90.8   | 1.0         |         | 0.5           | 4.5        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 290.5       |         |               |            |            |                   |
| 平均   | Mean  | 21.1            | 26.0       | 17.4       | 21.5             | 21.5 | 21.4 | 20.4 | 18.4 | 15.4         | 88.6   | 9.4         |         | 0.4           | 4.3        |            |                   |
| 最大   | Max.  | 24.8            | 33.6       | 20.8       | 23.4             | 23.3 | 23.0 | 21.9 | 19.8 | 16.9         | 99.6   | 154.5       |         | 1.0           | 7.4        |            |                   |
| 最低   | Min.  | 16.4            | 17.7       | 14.5       | 18.4             | 19.5 | 19.9 | 19.7 | 16.9 | 13.6         | 72.2   | 0.0         |         | 0.0           | 1.9        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 22.9            | 28.8       | 18.4       | 23.4             | 23.3 | 23.1 | 22.0 | 19.9 | 16.9         | 88.3   | 0.5         |         | 0.6           | 4.8        | ESE        | —                 |
| 08   | 2     | 23.9            | 30.0       | 18.9       | 23.6             | 23.4 | 23.2 | 22.1 | 19.9 | 17.0         | 85.8   | 0.5         |         | 0.5           | 4.0        | SE         | —                 |
| 08   | 3     | 25.0            | 31.3       | 21.0       | 24.4             | 24.0 | 23.6 | 22.2 | 20.0 | 17.0         | 87.3   | 11.0        |         | 0.4           | 5.2        | SSE        | —                 |
| 08   | 4     | 25.5            | 32.4       | 21.0       | 24.9             | 24.4 | 24.0 | 22.4 | 20.1 | 17.1         | 86.0   | 0.0         |         | 0.4           | 4.2        | ESE        | —                 |
| 08   | 5     | 25.6            | 32.8       | 19.8       | 24.8             | 24.6 | 24.2 | 22.6 | 20.1 | 17.2         | 78.2   | 0.0         |         | 0.6           | 5.2        | SSW        | —                 |
| 08   | 6     | 25.3            | 31.6       | 20.9       | 24.7             | 24.5 | 24.2 | 22.8 | 20.3 | 17.2         | 80.7   | 0.0         |         | 0.5           | 4.3        | SSW        | —                 |
| 08   | 7     | 24.8            | 31.7       | 19.2       | 24.5             | 24.4 | 24.2 | 22.9 | 20.4 | 17.3         | 80.7   | 7.5         |         | 0.5           | 5.9        | WSW        | —                 |
| 08   | 8     | 22.5            | 29.1       | 18.4       | 23.9             | 24.1 | 24.0 | 23.0 | 20.5 | 17.3         | 88.2   | 0.5         |         | 0.5           | 7.0        | W          | —                 |
| 08   | 9     | 23.6            | 29.3       | 18.7       | 24.1             | 24.1 | 23.9 | 22.9 | 20.6 | 17.4         | 84.5   | 0.0         |         | 0.4           | 4.6        | SE         | —                 |
| 08   | 10    | 22.7            | 29.0       | 19.1       | 23.6             | 23.9 | 23.8 | 23.0 | 20.6 | 17.4         | 88.8   | 0.5         |         | 0.4           | 4.1        | WSW        | —                 |
| 08   | 11    | 23.7            | 29.6       | 18.8       | 23.9             | 24.0 | 23.8 | 22.9 | 20.7 | 17.5         | 83.7   | 4.0         |         | 0.6           | 4.7        | ESE        | —                 |
| 08   | 12    | 22.1            | 24.7       | 20.1       | 23.5             | 23.8 | 23.8 | 22.9 | 20.7 | 17.5         | 96.1   | 14.0        |         | 0.1           | 3.3        | ESE        | —                 |
| 08   | 13    | 22.2            | 26.3       | 19.3       | 23.0             | 23.5 | 23.5 | 22.9 | 20.8 | 17.6         | 93.3   | 51.5        |         | 0.1           | 2.9        | W          | —                 |
| 08   | 14    | 23.8            | 31.5       | 18.3       | 23.7             | 23.6 | 23.5 | 23.0 | 21.1 | 17.7         | 86.5   | 0.0         |         | 0.5           | 4.2        | SW         | —                 |
| 08   | 15    | 23.4            | 31.5       | 19.2       | 24.1             | 24.3 | 24.0 | 23.1 | 21.2 | 17.9         | 88.4   | 23.5        |         | 0.4           | 5.0        | W          | —                 |
| 08   | 16    | 22.3            | 26.4       | 19.6       | 23.9             | 24.2 | 24.1 | 23.2 | 21.3 | 18.0         | 90.4   | 3.5         |         | 0.4           | 5.0        | SE         | —                 |
| 08   | 17    | 21.3            | 24.5       | 19.4       | 23.3             | 23.8 | 23.9 | 23.3 | 21.3 | 18.1         | 96.2   | 7.0         |         | 0.1           | 2.5        | E          | —                 |
| 08   | 18    | 22.9            | 27.8       | 19.1       | 24.0             | 24.0 | 23.8 | 23.2 | 21.4 | 18.2         | 88.9   | 0.0         |         | 0.5           | 5.0        | SE         | —                 |
| 08   | 19    | 23.5            | 30.0       | 18.5       | 24.2             | 24.3 | 24.1 | 23.3 | 21.4 | 18.3         | 85.6   | 0.0         |         | 0.6           | 4.5        | SW         | —                 |
| 08   | 20    | 23.8            | 31.0       | 18.5       | 24.4             | 24.4 | 24.2 | 23.3 | 21.5 | 18.4         | 82.3   | 0.0         |         | 0.6           | 4.9        | SSW        | —                 |
| 08   | 21    | 22.6            | 27.7       | 18.6       | 23.4             | 24.1 | 24.1 | 23.4 | 21.5 | 18.5         | 77.8   | 0.0         |         | 0.9           | 6.6        | WNW        | —                 |
| 08   | 22    | 23.7            | 27.3       | 20.2       | 23.3             | 23.7 | 23.7 | 23.3 | 21.6 | 18.5         | 73.6   | 0.0         |         | 1.1           | 6.4        | W          | —                 |
| 08   | 23    | 21.6            | 25.8       | 19.1       | 23.0             | 23.4 | 23.5 | 23.3 | 21.6 | 18.6         | 91.6   | 6.0         |         | 0.3           | 4.3        | E          | —                 |
| 08   | 24    | 19.5            | 21.0       | 18.5       | 22.4             | 23.1 | 23.3 | 23.2 | 21.6 | 18.6         | 98.4   | 3.5         |         | 0.2           | 3.1        | ESE        | —                 |
| 08   | 25    | 18.9            | 20.7       | 17.7       | 21.3             | 22.2 | 22.6 | 23.0 | 21.6 | 18.7         | 99.5   | 77.5        |         | 0.2           | 5.9        | E          | —                 |
| 08   | 26    | 23.9            | 32.2       | 20.3       | 22.5             | 22.1 | 22.0 | 22.6 | 22.0 | 19.0         | 87.4   | 47.0        |         | 0.9           | 7.5        | NW         | —                 |
| 08   | 27    | 22.9            | 27.7       | 20.1       | 23.1             | 23.1 | 22.9 | 22.6 | 22.0 | 19.3         | 90.4   | 0.0         |         | 0.3           | 3.5        | ESE        | —                 |
| 08   | 28    | 19.4            | 21.3       | 18.2       | 22.4             | 22.9 | 23.0 | 22.7 | 21.9 | 19.3         | 97.7   | 4.0         |         | 0.4           | 3.2        | E          | —                 |
| 08   | 29    | 21.2            | 28.1       | 16.5       | 22.8             | 22.9 | 22.8 | 22.7 | 21.8 | 19.4         | 83.9   | 1.5         |         | 0.6           | 4.3        | SSE        | —                 |
| 08   | 30    | 19.9            | 26.1       | 15.3       | 22.1             | 22.7 | 22.8 | 22.7 | 21.8 | 19.4         | 88.2   | 5.5         |         | 0.6           | 4.9        | ESE        | —                 |
| 08   | 31    | 19.1            | 25.8       | 15.8       | 21.8             | 22.4 | 22.6 | 22.7 | 21.8 | 19.4         | 89.9   | 0.5         |         | 0.3           | 3.1        | WSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 269.5       |         |               |            |            |                   |
| 平均   | Mean  | 22.7            | 28.2       | 18.9       | 23.5             | 23.6 | 23.6 | 22.9 | 21.1 | 18.1         | 87.7   | 8.7         |         | 0.5           | 4.6        |            |                   |
| 最大   | Max.  | 25.6            | 32.8       | 21.0       | 24.9             | 24.6 | 24.2 | 23.4 | 22.0 | 19.4         | 99.5   | 77.5        |         | 1.1           | 7.5        |            |                   |
| 最低   | Min.  | 18.9            | 20.7       | 15.3       | 21.3             | 22.1 | 22.0 | 22.0 | 19.9 | 16.9         | 73.6   | 0.0         |         | 0.1           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2005年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 21.7            | 29.5       | 15.4       | 22.2             | 22.4 | 22.4 | 22.6 | 21.7 | 19.4         | 83.9   | 0.0         |         | 0.5           | 4.3        | SSE        | —                 |
| 09   | 2     | 23.4            | 30.9       | 17.5       | 23.2             | 23.1 | 22.9 | 22.6 | 21.7 | 19.4         | 82.7   | 0.0         |         | 0.6           | 4.3        | SW         | —                 |
| 09   | 3     | 23.5            | 29.5       | 18.7       | 23.7             | 23.6 | 23.4 | 22.7 | 21.7 | 19.5         | 83.1   | 0.0         |         | 0.6           | 4.3        | SSE        | —                 |
| 09   | 4     | 21.7            | 26.6       | 18.1       | 23.3             | 23.5 | 23.4 | 22.8 | 21.7 | 19.5         | 88.4   | 1.5         |         | 0.6           | 4.6        | ESE        | —                 |
| 09   | 5     | 19.7            | 21.0       | 18.3       | 22.4             | 23.0 | 23.2 | 22.9 | 21.6 | 19.5         | 99.4   | 29.0        |         | 0.3           | 3.4        | E          | —                 |
| 09   | 6     | 19.5            | 21.4       | 18.3       | 21.7             | 22.3 | 22.6 | 22.8 | 21.6 | 19.5         | 99.3   | 5.5         |         | 0.2           | 3.3        | ESE        | —                 |
| 09   | 7     | 22.7            | 26.3       | 18.5       | 22.0             | 22.3 | 22.5 | 22.7 | 21.7 | 19.5         | 81.3   | 8.5         |         | 2.6           | 24.9       | NW         | —                 |
| 09   | 8     | 23.7            | 31.7       | 18.4       | 22.8             | 22.7 | 22.7 | 22.6 | 21.7 | 19.5         | 80.8   | 0.0         |         | 0.8           | 6.2        | ENE        | —                 |
| 09   | 9     | 19.7            | 21.2       | 18.5       | 22.3             | 22.8 | 22.9 | 22.6 | 21.6 | 19.5         | 92.7   | 0.0         |         | 0.3           | 3.2        | ESE        | —                 |
| 09   | 10    | 22.6            | 30.0       | 17.8       | 22.9             | 22.7 | 22.7 | 22.6 | 21.7 | 19.6         | 84.6   | 0.0         |         | 0.5           | 4.7        | S          | —                 |
| 09   | 11    | 20.4            | 28.1       | 17.5       | 22.1             | 22.7 | 22.9 | 22.6 | 21.6 | 19.6         | 93.4   | 55.0        |         | 0.4           | 4.1        | WNW        | —                 |
| 09   | 12    | 22.0            | 30.5       | 15.8       | 22.2             | 22.3 | 22.5 | 22.6 | 21.7 | 19.7         | 83.5   | 0.0         |         | 0.6           | 4.2        | SSW        | —                 |
| 09   | 13    | 23.1            | 32.6       | 16.7       | 22.7             | 22.8 | 22.7 | 22.6 | 21.7 | 19.7         | 77.7   | 0.0         |         | 0.6           | 4.0        | WSW        | —                 |
| 09   | 14    | 22.7            | 31.6       | 18.0       | 22.8             | 23.0 | 23.0 | 22.6 | 21.7 | 19.7         | 83.9   | 0.0         |         | 0.4           | 3.9        | S          | —                 |
| 09   | 15    | 20.0            | 26.5       | 15.9       | 22.1             | 22.7 | 22.8 | 22.6 | 21.7 | 19.7         | 80.1   | 0.0         |         | 0.8           | 5.7        | ESE        | —                 |
| 09   | 16    | 17.5            | 24.4       | 12.9       | 21.4             | 22.1 | 22.4 | 22.6 | 21.7 | 19.7         | 87.2   | 0.0         |         | 0.6           | 5.6        | ESE        | —                 |
| 09   | 17    | 18.2            | 25.9       | 11.8       | 20.8             | 21.5 | 21.8 | 22.4 | 21.7 | 19.7         | 82.2   | 0.0         |         | 0.5           | 4.4        | SE         | —                 |
| 09   | 18    | 21.2            | 30.2       | 14.2       | 21.4             | 21.7 | 21.9 | 22.2 | 21.7 | 19.7         | 80.7   | 0.0         |         | 0.6           | 4.9        | SSW        | —                 |
| 09   | 19    | 21.8            | 29.1       | 17.0       | 22.1             | 22.1 | 22.2 | 22.2 | 21.6 | 19.7         | 83.3   | 0.0         |         | 0.5           | 5.5        | WSW        | —                 |
| 09   | 20    | 19.8            | 23.2       | 17.5       | 21.6             | 22.0 | 22.2 | 22.2 | 21.6 | 19.7         | 92.5   | 0.0         |         | 0.5           | 3.8        | ESE        | —                 |
| 09   | 21    | 18.1            | 22.8       | 15.3       | 21.0             | 21.6 | 22.0 | 22.2 | 21.5 | 19.7         | 93.1   | 6.5         |         | 0.4           | 3.6        | ESE        | —                 |
| 09   | 22    | 16.1            | 18.5       | 14.9       | 19.8             | 20.7 | 21.3 | 22.0 | 21.5 | 19.7         | 99.0   | 0.0         |         | 0.2           | 3.8        | ESE        | —                 |
| 09   | 23    | 19.3            | 26.2       | 15.0       | 20.7             | 20.9 | 21.1 | 21.8 | 21.4 | 19.7         | 91.3   | 0.5         |         | 0.2           | 3.6        | SSE        | —                 |
| 09   | 24    | 17.8            | 19.1       | 16.5       | 20.2             | 20.9 | 21.3 | 21.7 | 21.4 | 19.7         | 99.6   | 14.5        |         | 0.2           | 3.3        | E          | —                 |
| 09   | 25    | 17.3            | 18.7       | 16.3       | 19.7             | 20.4 | 20.8 | 21.6 | 21.3 | 19.7         | 99.6   | 13.0        |         | 0.0           | 2.6        | ESE        | —                 |
| 09   | 26    | 17.2            | 22.8       | 13.1       | 19.8             | 20.2 | 20.6 | 21.4 | 21.3 | 19.7         | 91.6   | 0.0         |         | 0.4           | 4.5        | SE         | —                 |
| 09   | 27    | 15.1            | 17.4       | 13.9       | 19.1             | 20.0 | 20.5 | 21.2 | 21.2 | 19.7         | 96.9   | 0.5         |         | 0.2           | 4.0        | ESE        | —                 |
| 09   | 28    | 13.4            | 15.2       | 12.1       | 18.1             | 19.2 | 19.9 | 21.1 | 21.1 | 19.7         | 97.2   | 0.0         |         | 0.1           | 3.0        | ESE        | —                 |
| 09   | 29    | 14.1            | 20.7       | 10.2       | 18.1             | 18.9 | 19.5 | 20.8 | 21.0 | 19.7         | 87.6   | 0.0         |         | 0.4           | 4.4        | SSE        | —                 |
| 09   | 30    | 13.6            | 19.1       | 8.5        | 17.3             | 18.3 | 19.0 | 20.5 | 20.9 | 19.7         | 89.0   | 0.0         |         | 0.5           | 4.0        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 134.5       |         |               |            |            |                   |
| 平均   | Mean  | 19.6            | 25.0       | 15.8       | 21.3             | 21.7 | 22.0 | 22.2 | 21.5 | 19.6         | 88.9   | 4.5         |         | 0.5           | 4.9        |            |                   |
| 最大   | Max.  | 23.7            | 32.6       | 18.7       | 23.7             | 23.6 | 23.4 | 22.9 | 21.7 | 19.7         | 99.6   | 55.0        |         | 2.6           | 24.9       |            |                   |
| 最低   | Min.  | 13.4            | 15.2       | 8.5        | 17.3             | 18.3 | 19.0 | 20.5 | 20.9 | 19.4         | 77.7   | 0.0         |         | 0.0           | 2.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 10月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 16.5            | 23.7       | 10.2       | 18.1             | 18.5 | 19.0 | 20.3 | 20.8 | 19.6         | 84.4   | 0.0         |         | 0.6           | 4.4        | SW         | —                 |
| 10   | 2     | 21.6            | 30.3       | 15.3       | 19.8             | 19.5 | 19.6 | 20.2 | 20.7 | 19.6         | 80.9   | 0.0         |         | 0.6           | 8.0        | W          | —                 |
| 10   | 3     | 18.5            | 24.5       | 14.9       | 20.0             | 20.1 | 20.2 | 20.3 | 20.6 | 19.6         | 80.9   | 0.0         |         | 0.5           | 5.5        | SE         | —                 |
| 10   | 4     | 15.5            | 20.5       | 13.6       | 18.8             | 19.5 | 19.9 | 20.4 | 20.5 | 19.6         | 97.0   | 9.5         |         | 0.4           | 4.3        | ESE        | —                 |
| 10   | 5     | 14.8            | 16.3       | 12.9       | 18.0             | 18.9 | 19.4 | 20.3 | 20.4 | 19.5         | 99.4   | 24.5        |         | 0.2           | 3.1        | ESE        | —                 |
| 10   | 6     | 14.1            | 16.1       | 12.9       | 17.5             | 18.3 | 18.9 | 20.0 | 20.3 | 19.5         | 98.4   | 1.0         |         | 0.2           | 4.3        | ESE        | —                 |
| 10   | 7     | 15.6            | 20.7       | 12.1       | 18.0             | 18.4 | 18.8 | 19.8 | 20.3 | 19.5         | 93.2   | 0.5         |         | 0.4           | 4.9        | ESE        | —                 |
| 10   | 8     | 17.9            | 23.0       | 14.9       | 18.7             | 18.8 | 19.1 | 19.7 | 20.2 | 19.5         | 96.3   | 3.5         |         | 0.1           | 2.8        | N          | —                 |
| 10   | 9     | 14.2            | 16.3       | 12.2       | 17.6             | 18.5 | 19.0 | 19.7 | 20.1 | 19.4         | 99.4   | 27.5        |         | 0.2           | 4.0        | E          | —                 |
| 10   | 10    | 13.2            | 14.8       | 12.3       | 16.6             | 17.6 | 18.3 | 19.5 | 20.0 | 19.4         | 99.8   | 11.0        |         | 0.1           | 3.1        | E          | —                 |
| 10   | 11    | 13.3            | 14.7       | 12.5       | 16.5             | 17.4 | 17.9 | 19.2 | 19.9 | 19.4         | 99.5   | 4.5         |         | 0.1           | 3.9        | ESE        | —                 |
| 10   | 12    | 14.7            | 21.1       | 10.8       | 17.2             | 17.5 | 17.9 | 19.0 | 19.8 | 19.4         | 88.6   | 0.0         |         | 0.4           | 4.3        | S          | —                 |
| 10   | 13    | 13.2            | 19.4       | 7.3        | 16.9             | 17.5 | 17.9 | 18.9 | 19.7 | 19.4         | 84.7   | 0.0         |         | 0.7           | 4.8        | SSW        | —                 |
| 10   | 14    | 14.5            | 21.8       | 7.9        | 16.8             | 17.4 | 17.8 | 18.8 | 19.6 | 19.3         | 84.8   | 0.0         |         | 0.6           | 4.3        | SSW        | —                 |
| 10   | 15    | 15.3            | 19.5       | 12.8       | 17.0             | 17.5 | 17.9 | 18.8 | 19.5 | 19.3         | 93.8   | 15.5        |         | 0.2           | 3.7        | SW         | —                 |
| 10   | 16    | 15.2            | 17.1       | 13.3       | 17.1             | 17.5 | 17.9 | 18.7 | 19.4 | 19.2         | 98.5   | 4.5         |         | 0.1           | 3.1        | WSW        | —                 |
| 10   | 17    | 13.7            | 16.4       | 13.0       | 16.5             | 17.3 | 17.8 | 18.6 | 19.3 | 19.2         | 98.4   | 15.5        |         | 0.0           | 2.2        | SW         | —                 |
| 10   | 18    | 12.8            | 14.0       | 11.1       | 15.7             | 16.6 | 17.2 | 18.4 | 19.2 | 19.2         | 99.9   | 24.5        |         | 0.1           | 3.4        | E          | —                 |
| 10   | 19    | 12.8            | 18.8       | 10.2       | 15.6             | 16.3 | 16.8 | 18.2 | 19.1 | 19.1         | 92.4   | 0.0         |         | 0.2           | 3.5        | SE         | —                 |
| 10   | 20    | 12.8            | 19.0       | 7.9        | 15.9             | 16.5 | 16.9 | 18.0 | 18.9 | 19.1         | 85.1   | 0.0         |         | 0.6           | 4.5        | SE         | —                 |
| 10   | 21    | 11.0            | 15.9       | 7.2        | 14.6             | 15.7 | 16.4 | 17.9 | 18.8 | 19.1         | 92.3   | 0.0         |         | 0.3           | 3.7        | ESE        | —                 |
| 10   | 22    | 11.4            | 14.8       | 8.5        | 14.6             | 15.5 | 16.2 | 17.7 | 18.7 | 19.0         | 95.0   | 0.0         |         | 0.2           | 3.6        | ESE        | —                 |
| 10   | 23    | 11.7            | 21.0       | 4.8        | 14.4             | 15.2 | 15.9 | 17.5 | 18.6 | 19.0         | 71.5   | 0.0         |         | 0.8           | 8.0        | WSW        | —                 |
| 10   | 24    | 11.0            | 18.2       | 6.4        | 13.9             | 14.8 | 15.5 | 17.2 | 18.5 | 18.9         | 83.4   | 0.0         |         | 0.7           | 4.9        | SW         | —                 |
| 10   | 25    | 11.3            | 20.5       | 5.8        | 13.7             | 14.6 | 15.3 | 17.0 | 18.4 | 18.8         | 76.7   | 0.0         |         | 0.6           | 4.5        | SW         | —                 |
| 10   | 26    | 10.4            | 15.1       | 6.5        | 13.3             | 14.3 | 15.0 | 16.8 | 18.3 | 18.8         | 88.2   | 0.0         |         | 0.5           | 4.8        | ESE        | —                 |
| 10   | 27    | 11.1            | 17.4       | 7.4        | 13.8             | 14.5 | 15.1 | 16.6 | 18.1 | 18.7         | 92.4   | 1.0         |         | 0.3           | 2.9        | SW         | —                 |
| 10   | 28    | 11.4            | 18.7       | 5.4        | 13.4             | 14.2 | 14.8 | 16.5 | 18.0 | 18.7         | 85.9   | 0.0         |         | 0.6           | 5.9        | SSW        | —                 |
| 10   | 29    | 11.9            | 19.6       | 7.1        | 13.7             | 14.3 | 14.9 | 16.3 | 17.9 | 18.6         | 84.2   | 0.0         |         | 0.5           | 7.1        | SW         | —                 |
| 10   | 30    | 10.9            | 14.5       | 7.3        | 13.7             | 14.4 | 15.0 | 16.3 | 17.7 | 18.5         | 87.1   | 0.0         |         | 0.3           | 3.7        | ESE        | —                 |
| 10   | 31    | 8.7             | 16.3       | 3.6        | 12.7             | 13.8 | 14.6 | 16.2 | 17.6 | 18.5         | 87.1   | 0.0         |         | 0.4           | 6.1        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 143.0       |         |               |            |            |                   |
| 平均   | Mean  | 13.6            | 18.7       | 9.9        | 16.1             | 16.8 | 17.3 | 18.5 | 19.3 | 19.2         | 90.3   | 4.6         |         | 0.4           | 4.4        |            |                   |
| 最大   | Max.  | 21.6            | 30.3       | 15.3       | 20.0             | 20.1 | 20.2 | 20.4 | 20.8 | 19.6         | 99.9   | 27.5        |         | 0.8           | 8.0        |            |                   |
| 最低   | Min.  | 8.7             | 14.0       | 3.6        | 12.7             | 13.8 | 14.6 | 16.2 | 17.6 | 18.5         | 71.5   | 0.0         |         | 0.0           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 11月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 7.6             | 15.9       | 1.5        | 11.6             | 12.9 | 13.8 | 15.9 | 17.5 | 18.4         | 73.7   | 0.0         |         | 0.8           | 4.9        | SW         | —                 |
| 11   | 2     | 8.1             | 16.8       | 2.0        | 11.2             | 12.4 | 13.3 | 15.6 | 17.4 | 18.4         | 75.4   | 0.0         |         | 0.7           | 3.9        | SW         | —                 |
| 11   | 3     | 8.9             | 14.9       | 5.2        | 11.4             | 12.4 | 13.2 | 15.3 | 17.3 | 18.3         | 85.9   | 0.0         |         | 0.2           | 2.8        | W          | —                 |
| 11   | 4     | 10.6            | 18.8       | 5.3        | 11.7             | 12.4 | 13.1 | 15.1 | 17.1 | 18.2         | 80.3   | 0.0         |         | 0.7           | 4.2        | WSW        | —                 |
| 11   | 5     | 11.0            | 19.5       | 5.4        | 11.9             | 12.6 | 13.2 | 15.0 | 17.0 | 18.2         | 75.6   | 0.0         |         | 0.7           | 4.5        | SW         | —                 |
| 11   | 6     | 8.5             | 10.2       | 6.4        | 11.2             | 12.3 | 13.0 | 14.9 | 16.8 | 18.1         | 95.0   | 17.0        |         | 0.5           | 3.9        | E          | —                 |
| 11   | 7     | 11.5            | 20.7       | 6.2        | 12.1             | 12.5 | 13.0 | 14.7 | 16.6 | 18.0         | 84.9   | 0.0         |         | 0.4           | 6.2        | WNW        | —                 |
| 11   | 8     | 10.4            | 20.4       | 3.7        | 11.3             | 12.1 | 12.9 | 14.6 | 16.5 | 18.0         | 56.4   | 0.0         |         | 1.6           | 12.3       | W          | —                 |
| 11   | 9     | 7.9             | 16.9       | 1.3        | 10.2             | 11.4 | 12.3 | 14.4 | 16.4 | 17.9         | 59.7   | 0.0         |         | 0.8           | 6.2        | W          | —                 |
| 11   | 10    | 7.3             | 15.5       | 1.9        | 9.9              | 11.0 | 11.9 | 14.1 | 16.3 | 17.8         | 73.5   | 0.0         |         | 0.8           | 4.3        | WSW        | —                 |
| 11   | 11    | 7.8             | 11.6       | 3.3        | 9.1              | 10.5 | 11.4 | 13.8 | 16.1 | 17.7         | 70.1   | 1.0         |         | 0.6           | 4.8        | NW         | —                 |
| 11   | 12    | 7.9             | 13.9       | 1.5        | 10.1             | 10.8 | 11.5 | 13.6 | 16.0 | 17.7         | 85.8   | 9.5         |         | 0.6           | 5.5        | W          | —                 |
| 11   | 13    | 6.7             | 15.0       | 0.8        | 9.1              | 10.2 | 11.0 | 13.4 | 15.8 | 17.6         | 80.5   | 0.0         |         | 0.4           | 3.3        | SSW        | —                 |
| 11   | 14    | 6.9             | 11.6       | 3.8        | 8.9              | 10.0 | 10.8 | 13.1 | 15.6 | 17.5         | 80.7   | 0.0         |         | 0.3           | 4.2        | NE         | —                 |
| 11   | 15    | 5.9             | 10.7       | 4.0        | 9.4              | 10.2 | 10.9 | 13.0 | 15.5 | 17.4         | 95.7   | 0.5         |         | 0.3           | 3.3        | ESE        | —                 |
| 11   | 16    | 5.0             | 11.5       | 0.2        | 9.3              | 10.2 | 10.9 | 12.9 | 15.3 | 17.4         | 83.3   | 0.0         |         | 0.4           | 3.7        | SSE        | —                 |
| 11   | 17    | 3.1             | 12.3       | -1.9       | 7.9              | 9.4  | 10.3 | 12.7 | 15.2 | 17.3         | 73.9   | 0.0         |         | 0.7           | 5.5        | SW         | —                 |
| 11   | 18    | 3.4             | 11.6       | -1.4       | 7.4              | 8.7  | 9.7  | 12.4 | 15.0 | 17.2         | 74.7   | 0.0         |         | 0.7           | 5.7        | SSW        | —                 |
| 11   | 19    | 3.2             | 12.1       | -1.3       | 6.9              | 8.3  | 9.3  | 12.1 | 14.9 | 17.2         | 70.9   | 0.0         |         | 0.7           | 3.9        | SW         | —                 |
| 11   | 20    | 3.0             | 11.7       | -2.0       | 6.4              | 7.8  | 8.8  | 11.8 | 14.7 | 17.1         | 66.0   | 0.0         |         | 0.8           | 5.2        | SW         | —                 |
| 11   | 21    | 2.5             | 10.7       | -2.2       | 6.2              | 7.4  | 8.5  | 11.5 | 14.5 | 17.0         | 77.8   | 0.0         |         | 0.6           | 4.3        | S          | —                 |
| 11   | 22    | 4.6             | 13.7       | -1.1       | 6.3              | 7.3  | 8.3  | 11.2 | 14.4 | 16.9         | 67.5   | 0.0         |         | 0.8           | 5.1        | W          | —                 |
| 11   | 23    | 4.7             | 12.8       | -0.8       | 6.6              | 7.4  | 8.2  | 10.9 | 14.2 | 16.8         | 82.5   | 0.0         |         | 0.7           | 4.9        | SSW        | —                 |
| 11   | 24    | 5.7             | 15.1       | 0.9        | 7.0              | 7.7  | 8.4  | 10.8 | 14.0 | 16.8         | 68.5   | 0.0         |         | 0.6           | 4.1        | WNW        | —                 |
| 11   | 25    | 4.7             | 12.0       | 0.5        | 6.6              | 7.5  | 8.3  | 10.7 | 13.8 | 16.7         | 80.4   | 0.0         |         | 0.6           | 4.5        | S          | —                 |
| 11   | 26    | 5.4             | 13.4       | 0.8        | 6.4              | 7.3  | 8.2  | 10.6 | 13.6 | 16.6         | 72.1   | 0.0         |         | 0.6           | 3.4        | SW         | —                 |
| 11   | 27    | 5.4             | 14.5       | 0.4        | 6.4              | 7.2  | 8.0  | 10.4 | 13.5 | 16.5         | 72.7   | 0.0         |         | 0.6           | 5.6        | W          | —                 |
| 11   | 28    | 6.3             | 14.3       | 1.5        | 6.5              | 7.2  | 8.0  | 10.3 | 13.3 | 16.4         | 68.8   | 0.0         |         | 0.7           | 4.3        | W          | —                 |
| 11   | 29    | 9.3             | 15.4       | 3.0        | 7.4              | 7.8  | 8.3  | 10.2 | 13.2 | 16.3         | 51.1   | 0.0         |         | 2.6           | 15.8       | WNW        | —                 |
| 11   | 30    | 4.0             | 13.8       | -1.1       | 6.2              | 7.2  | 8.1  | 10.2 | 13.0 | 16.2         | 59.8   | 0.0         |         | 0.9           | 6.7        | SSE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 28.0        |         |               |            |            |                   |
| 平均   | Mean  | 6.6             | 14.2       | 1.6        | 8.8              | 9.7  | 10.6 | 12.8 | 15.3 | 17.4         | 74.8   | 0.9         |         | 0.7           | 5.2        |            |                   |
| 最大   | Max.  | 11.5            | 20.7       | 6.4        | 12.1             | 12.9 | 13.8 | 15.9 | 17.5 | 18.4         | 95.7   | 17.0        |         | 2.6           | 15.8       |            |                   |
| 最低   | Min.  | 2.5             | 10.2       | -2.2       | 6.2              | 7.2  | 8.0  | 10.2 | 13.0 | 16.2         | 51.1   | 0.0         |         | 0.2           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2005年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 2.0             | 10.7       | -2.6       | 5.2              | 6.5 | 7.4 | 10.0 | 12.9 | 16.1         | 70.9   | 0.0         |         | 0.7           | 4.5        | SSW        | —                 |
| 12   | 2     | 3.5             | 10.5       | -1.6       | 5.0              | 6.1 | 7.0 | 9.8  | 12.8 | 16.0         | 76.1   | 0.0         |         | 0.3           | 4.0        | ESE        | —                 |
| 12   | 3     | 2.7             | 10.2       | -2.2       | 4.9              | 6.0 | 6.9 | 9.5  | 12.7 | 15.9         | 60.3   | 0.0         |         | 1.1           | 11.0       | SW         | —                 |
| 12   | 4     | 0.4             | 4.6        | -1.6       | 4.1              | 5.5 | 6.5 | 9.3  | 12.5 | 15.8         | 75.2   | 3.0         |         | 0.5           | 4.6        | E          | —                 |
| 12   | 5     | 1.1             | 8.7        | -2.4       | 4.7              | 5.6 | 6.5 | 9.1  | 12.4 | 15.7         | 59.3   | 0.0         |         | 1.9           | 10.0       | W          | 7                 |
| 12   | 6     | 0.6             | 8.0        | -3.5       | 3.6              | 4.9 | 6.0 | 8.9  | 12.2 | 15.7         | 76.0   | 0.0         |         | 0.4           | 4.1        | SSW        | —                 |
| 12   | 7     | 0.0             | 6.0        | -2.5       | 3.4              | 4.6 | 5.6 | 8.7  | 12.1 | 15.6         | 84.2   | 2.0         |         | 0.2           | 3.9        | S          | —                 |
| 12   | 8     | 0.1             | 7.3        | -3.8       | 4.2              | 5.0 | 5.7 | 8.5  | 11.9 | 15.5         | 89.0   | 0.0         |         | 0.4           | 2.7        | SW         | 5                 |
| 12   | 9     | 1.5             | 11.4       | -3.3       | 3.6              | 4.6 | 5.5 | 8.3  | 11.8 | 15.4         | 66.3   | 0.0         |         | 1.0           | 13.7       | W          | —                 |
| 12   | 10    | 4.3             | 10.5       | -1.7       | 3.6              | 4.4 | 5.3 | 8.1  | 11.6 | 15.3         | 44.8   | 0.0         |         | 2.7           | 12.1       | WNW        | —                 |
| 12   | 11    | -0.1            | 5.7        | -4.4       | 3.0              | 4.3 | 5.3 | 8.0  | 11.5 | 15.2         | 68.5   | 0.0         |         | 0.5           | 7.8        | S          | —                 |
| 12   | 12    | -1.4            | 6.5        | -5.1       | 2.1              | 3.5 | 4.7 | 7.8  | 11.3 | 15.1         | 64.6   | 0.0         |         | 0.7           | 7.9        | S          | —                 |
| 12   | 13    | -2.3            | 3.9        | -6.2       | 2.0              | 3.3 | 4.3 | 7.5  | 11.1 | 15.0         | 69.8   | 0.5         |         | 0.4           | 4.3        | SE         | 3                 |
| 12   | 14    | -2.1            | 6.8        | -6.8       | 1.3              | 2.8 | 3.9 | 7.3  | 11.0 | 14.9         | 55.7   | 0.0         |         | 0.7           | 4.4        | WSW        | —                 |
| 12   | 15    | -2.2            | 6.0        | -6.7       | 1.1              | 2.4 | 3.6 | 7.0  | 10.8 | 14.9         | 64.2   | 0.0         |         | 0.7           | 4.9        | SW         | —                 |
| 12   | 16    | -1.0            | 9.6        | -6.2       | 0.8              | 2.2 | 3.3 | 6.7  | 10.7 | 14.8         | 55.1   | 0.0         |         | 0.8           | 6.7        | WNW        | —                 |
| 12   | 17    | 0.7             | 9.5        | -4.7       | 1.2              | 2.1 | 3.1 | 6.4  | 10.5 | 14.7         | 39.6   | 0.0         |         | 1.8           | 9.3        | W          | —                 |
| 12   | 18    | -2.9            | 1.0        | -5.4       | 0.8              | 2.0 | 3.1 | 6.2  | 10.3 | 14.6         | 37.5   | 0.0         |         | 2.5           | 13.4       | W          | —                 |
| 12   | 19    | -1.8            | 2.7        | -6.1       | 0.4              | 1.7 | 2.8 | 6.1  | 10.1 | 14.5         | 43.0   | 0.0         |         | 1.8           | 12.7       | W          | —                 |
| 12   | 20    | 0.3             | 9.1        | -3.7       | 0.6              | 1.6 | 2.7 | 5.9  | 9.9  | 14.4         | 55.0   | 0.0         |         | 0.8           | 5.1        | SW         | —                 |
| 12   | 21    | 0.5             | 7.6        | -2.6       | 1.2              | 1.8 | 2.7 | 5.7  | 9.8  | 14.3         | 59.4   | 0.0         |         | 0.6           | 6.6        | S          | —                 |
| 12   | 22    | -1.3            | 2.9        | -4.8       | 0.8              | 1.8 | 2.8 | 5.6  | 9.6  | 14.2         | 44.1   | 0.0         |         | 2.6           | 11.8       | W          | —                 |
| 12   | 23    | -0.8            | 6.7        | -6.4       | 0.4              | 1.6 | 2.6 | 5.5  | 9.4  | 14.1         | 41.2   | 0.0         |         | 1.3           | 12.8       | W          | —                 |
| 12   | 24    | -2.3            | 2.6        | -6.3       | 0.5              | 1.5 | 2.4 | 5.3  | 9.3  | 14.0         | 61.1   | 0.0         |         | 1.0           | 7.9        | W          | —                 |
| 12   | 25    | -0.5            | 7.3        | -7.0       | 0.2              | 1.3 | 2.3 | 5.2  | 9.1  | 13.9         | 46.4   | 0.0         |         | 1.3           | 13.4       | WSW        | —                 |
| 12   | 26    | -0.4            | 4.4        | -5.9       | 0.6              | 1.4 | 2.3 | 5.1  | 9.0  | 13.8         | 45.3   | 0.0         |         | 1.8           | 14.3       | W          | —                 |
| 12   | 27    | -2.0            | 5.0        | -5.8       | 0.2              | 1.2 | 2.2 | 5.0  | 8.8  | 13.7         | 39.9   | 0.0         |         | 1.3           | 8.2        | W          | —                 |
| 12   | 28    | -2.0            | 5.4        | -6.8       | 0.1              | 1.1 | 2.0 | 4.8  | 8.7  | 13.6         | 44.9   | 0.0         |         | 1.5           | 8.1        | W          | —                 |
| 12   | 29    | -2.5            | 7.4        | -7.9       | 0.0              | 1.0 | 1.9 | 4.7  | 8.6  | 13.5         | 54.6   | 0.0         |         | 0.9           | 7.1        | WSW        | —                 |
| 12   | 30    | -1.2            | 7.0        | -6.7       | 0.0              | 0.9 | 1.8 | 4.6  | 8.4  | 13.4         | 59.8   | 0.0         |         | 0.9           | 8.1        | WSW        | —                 |
| 12   | 31    | -0.6            | 6.9        | -5.9       | 0.2              | 0.9 | 1.8 | 4.5  | 8.3  | 13.2         | 49.7   | 0.0         |         | 1.2           | 8.8        | S          | —                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 5.5         |         |               |            |            |                   |
| 平均   | Mean  | -0.3            | 6.8        | -4.7       | 1.9              | 3.0 | 4.0 | 6.9  | 10.6 | 14.7         | 58.1   | 0.2         |         | 1.1           | 8.2        |            | 5.0               |
| 最大   | Max.  | 4.3             | 11.4       | -1.6       | 5.2              | 6.5 | 7.4 | 10.0 | 12.9 | 16.1         | 89.0   | 3.0         |         | 2.7           | 14.3       |            | 7.0               |
| 最低   | Min.  | -2.9            | 1.0        | -7.9       | 0.0              | 0.9 | 1.8 | 4.5  | 8.3  | 13.2         | 37.5   | 0.0         |         | 0.2           | 2.7        |            | 3.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -2.0            | 6.3        | -5.8       | 0.1              | 0.9 | 1.7 | 4.4 | 8.2 | 13.1         | 64.6   | 0.0         |         | 0.4           | 4.9        | SSE        | —                 |
| 01   | 2     | -0.2            | 6.6        | -4.7       | 0.0              | 0.9 | 1.7 | 4.3 | 8.0 | 13.0         | 76.8   | 0.0         |         | 0.3           | 7.0        | NW         | —                 |
| 01   | 3     | -2.2            | 4.4        | -5.8       | 0.0              | 0.8 | 1.6 | 4.2 | 7.9 | 12.9         | 75.2   | 3.5         |         | 0.7           | 9.2        | NW         | —                 |
| 01   | 4     | -2.9            | 1.6        | -6.2       | 0.0              | 0.9 | 1.6 | 4.1 | 7.8 | 12.8         | 70.4   | 0.0         |         | 0.6           | 7.0        | E          | 5                 |
| 01   | 5     | -3.5            | 2.9        | -7.5       | 0.0              | 0.8 | 1.6 | 4.1 | 7.7 | 12.7         | 62.5   | 0.0         |         | 0.7           | 6.3        | W          | —                 |
| 01   | 6     | -5.5            | -1.0       | -9.5       | -0.2             | 0.7 | 1.5 | 4.0 | 7.6 | 12.6         | 53.9   | 0.0         |         | 0.6           | 4.9        | WSW        | —                 |
| 01   | 7     | -4.9            | 3.0        | -9.6       | -0.4             | 0.6 | 1.4 | 4.0 | 7.5 | 12.5         | 60.5   | 0.0         |         | 0.9           | 6.4        | W          | —                 |
| 01   | 8     | -3.6            | 5.5        | -9.0       | -0.5             | 0.5 | 1.3 | 3.9 | 7.4 | 12.4         | 46.8   | 0.0         |         | 1.2           | 8.7        | W          | —                 |
| 01   | 9     | -3.9            | 4.6        | -9.4       | -0.5             | 0.4 | 1.2 | 3.8 | 7.3 | 12.3         | 52.4   | 0.0         |         | 0.8           | 5.5        | SW         | —                 |
| 01   | 10    | -2.7            | 5.9        | -8.1       | -0.5             | 0.3 | 1.1 | 3.7 | 7.2 | 12.2         | 72.1   | 0.0         |         | 0.6           | 4.0        | SW         | —                 |
| 01   | 11    | -0.5            | 9.0        | -5.4       | -0.4             | 0.3 | 1.1 | 3.6 | 7.1 | 12.1         | 55.2   | 0.0         |         | 0.7           | 4.2        | SW         | —                 |
| 01   | 12    | -0.9            | 9.7        | -6.7       | -0.4             | 0.3 | 1.1 | 3.5 | 7.0 | 12.0         | 57.1   | 0.0         |         | 0.8           | 5.3        | SW         | —                 |
| 01   | 13    | -1.4            | 4.4        | -5.4       | -0.3             | 0.3 | 1.1 | 3.5 | 6.9 | 11.9         | 64.9   | 0.0         |         | 0.6           | 4.9        | SE         | —                 |
| 01   | 14    | 4.0             | 11.8       | -1.1       | -0.3             | 0.3 | 1.0 | 3.4 | 6.8 | 11.8         | 86.2   | 22.0        |         | 1.0           | 9.3        | NNW        | —                 |
| 01   | 15    | 4.8             | 12.5       | -0.5       | 0.0              | 0.3 | 1.0 | 3.3 | 6.7 | 11.7         | 70.9   | 0.0         |         | 0.7           | 5.2        | NNE        | —                 |
| 01   | 16    | 3.0             | 10.8       | -1.9       | 0.9              | 0.6 | 1.1 | 3.2 | 6.6 | 11.6         | 83.9   | 0.0         |         | 0.6           | 5.0        | SSE        | —                 |
| 01   | 17    | 1.9             | 9.8        | -4.3       | 1.8              | 1.2 | 1.5 | 3.2 | 6.5 | 11.5         | 76.2   | 2.0         |         | 0.7           | 8.7        | SE         | —                 |
| 01   | 18    | -0.3            | 7.6        | -4.1       | 1.1              | 1.2 | 1.7 | 3.2 | 6.4 | 11.4         | 62.3   | 0.0         |         | 0.6           | 6.0        | SSW        | —                 |
| 01   | 19    | -1.8            | 5.4        | -6.1       | 0.5              | 1.0 | 1.6 | 3.3 | 6.4 | 11.3         | 48.2   | 0.0         |         | 1.0           | 8.1        | S          | —                 |
| 01   | 20    | -2.2            | 5.8        | -6.5       | 0.2              | 0.9 | 1.5 | 3.3 | 6.3 | 11.2         | 47.3   | 0.0         |         | 0.5           | 4.8        | SE         | —                 |
| 01   | 21    | -2.0            | 0.0        | -4.6       | 0.1              | 0.8 | 1.4 | 3.3 | 6.2 | 11.1         | 74.0   | 0.0         |         | 0.3           | 7.5        | SSW        | —                 |
| 01   | 22    | -1.0            | 6.1        | -7.5       | 0.3              | 0.8 | 1.4 | 3.3 | 6.2 | 11.0         | 52.2   | 0.0         |         | 1.4           | 8.1        | WSW        | —                 |
| 01   | 23    | -3.5            | 2.3        | -8.1       | 0.3              | 0.9 | 1.4 | 3.2 | 6.1 | 11.0         | 47.5   | 0.0         |         | 1.5           | 14.2       | WNW        | 2                 |
| 01   | 24    | -1.3            | 5.5        | -6.4       | 0.3              | 0.8 | 1.4 | 3.2 | 6.1 | 10.9         | 37.8   | 0.0         |         | 1.3           | 10.5       | WSW        | —                 |
| 01   | 25    | -1.8            | 7.3        | -7.4       | 0.0              | 0.7 | 1.3 | 3.2 | 6.0 | 10.8         | 39.6   | 0.0         |         | 0.7           | 4.8        | SSE        | —                 |
| 01   | 26    | -0.3            | 8.4        | -5.8       | 0.2              | 0.6 | 1.2 | 3.1 | 6.0 | 10.7         | 42.6   | 0.0         |         | 1.0           | 10.5       | WSW        | —                 |
| 01   | 27    | -0.6            | 9.2        | -6.8       | 0.1              | 0.6 | 1.2 | 3.1 | 5.9 | 10.7         | 49.7   | 0.0         |         | 1.0           | 4.5        | SW         | —                 |
| 01   | 28    | 0.3             | 7.4        | -4.9       | 0.5              | 0.7 | 1.2 | 3.1 | 5.9 | 10.6         | 35.0   | 0.0         |         | 1.5           | 10.0       | W          | —                 |
| 01   | 29    | -0.7            | 8.9        | -7.0       | 0.2              | 0.6 | 1.2 | 3.0 | 5.8 | 10.5         | 45.2   | 0.0         |         | 0.6           | 4.9        | S          | —                 |
| 01   | 30    | 3.2             | 12.4       | -3.7       | 0.3              | 0.6 | 1.2 | 3.0 | 5.8 | 10.4         | 58.6   | 0.0         |         | 0.7           | 4.5        | NNW        | —                 |
| 01   | 31    | 1.9             | 6.1        | -0.1       | 0.5              | 0.8 | 1.3 | 3.0 | 5.7 | 10.3         | 86.4   | 0.0         |         | 0.5           | 3.9        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 27.5        |         |               |            |            |                   |
| 平均   | Mean  | -1.0            | 6.5        | -5.8       | 0.1              | 0.7 | 1.4 | 3.5 | 6.8 | 11.7         | 59.9   | 0.9         |         | 0.8           | 6.7        |            | 3.5               |
| 最大   | Max.  | 4.8             | 12.5       | -0.1       | 1.8              | 1.2 | 1.7 | 4.4 | 8.2 | 13.1         | 86.4   | 22.0        |         | 1.5           | 14.2       |            | 5.0               |
| 最低   | Min.  | -5.5            | -1.0       | -9.6       | -0.5             | 0.3 | 1.0 | 3.0 | 5.7 | 10.3         | 35.0   | 0.0         |         | 0.3           | 3.9        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日  | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|----|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |    | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |    | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |    | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 02   | 1  | 0.4             | 1.4  | 0.0  | 0.5              | 0.9 | 1.3 | 3.0 | 5.7 | 10.2      | 99.3   | 24.0     |         | 0.3           | 6.1  | NW   | —              |
| 02   | 2  | 1.2             | 8.2  | -2.9 | 1.4              | 1.1 | 1.5 | 2.9 | 5.6 | 10.2      | 79.1   | 0.0      |         | 0.7           | 7.1  | SSW  | 3              |
| 02   | 3  | 0.8             | 11.6 | -6.3 | 1.7              | 1.4 | 1.7 | 2.9 | 5.6 | 10.1      | 62.2   | 0.0      |         | 1.9           | 13.1 | WSW  | —              |
| 02   | 4  | -5.2            | 1.2  | -9.1 | 0.8              | 1.2 | 1.7 | 3.0 | 5.5 | 10.1      | 46.3   | 0.0      |         | 1.2           | 8.1  | SW   | —              |
| 02   | 5  | -4.3            | 4.1  | -9.7 | 0.1              | 0.8 | 1.4 | 3.0 | 5.5 | 10.0      | 49.7   | 0.0      |         | 0.8           | 6.1  | S    | —              |
| 02   | 6  | -3.7            | 4.0  | -8.7 | -0.1             | 0.7 | 1.3 | 3.0 | 5.4 | 9.9       | 61.7   | 0.0      |         | 0.7           | 4.5  | SSE  | —              |
| 02   | 7  | -0.3            | 8.2  | -5.3 | 0.0              | 0.6 | 1.2 | 2.9 | 5.4 | 9.9       | 87.0   | 2.5      |         | 0.9           | 9.5  | WNW  | 6              |
| 02   | 8  | 1.8             | 8.2  | -2.7 | 0.7              | 0.8 | 1.3 | 2.9 | 5.4 | 9.8       | 49.0   | 0.0      |         | 1.7           | 9.4  | W    | —              |
| 02   | 9  | -2.1            | 4.4  | -7.0 | 0.7              | 1.0 | 1.4 | 2.9 | 5.3 | 9.7       | 51.8   | 0.0      |         | 1.6           | 7.3  | WSW  | —              |
| 02   | 10 | -1.2            | 9.3  | -8.7 | 0.5              | 0.9 | 1.4 | 2.9 | 5.3 | 9.7       | 50.7   | 0.0      |         | 0.7           | 6.1  | S    | —              |
| 02   | 11 | 1.8             | 11.7 | -4.2 | 1.1              | 1.0 | 1.4 | 2.9 | 5.3 | 9.6       | 49.3   | 0.0      |         | 1.0           | 4.6  | WSW  | —              |
| 02   | 12 | -1.9            | 4.7  | -6.9 | 0.7              | 1.1 | 1.5 | 2.9 | 5.2 | 9.5       | 51.7   | 0.0      |         | 1.7           | 17.3 | W    | —              |
| 02   | 13 | 0.5             | 12.2 | -8.2 | 0.7              | 0.9 | 1.4 | 2.9 | 5.2 | 9.5       | 40.2   | 0.0      |         | 0.7           | 5.2  | SW   | —              |
| 02   | 14 | 8.0             | 19.0 | 0.5  | 2.6              | 1.7 | 1.7 | 2.9 | 5.2 | 9.4       | 40.2   | 0.0      |         | 1.0           | 9.5  | WSW  | —              |
| 02   | 15 | 10.7            | 19.9 | 4.7  | 4.8              | 3.3 | 2.8 | 3.0 | 5.1 | 9.4       | 61.7   | 2.5      |         | 0.8           | 5.7  | ESE  | —              |
| 02   | 16 | 4.7             | 6.8  | 3.6  | 4.5              | 4.1 | 3.7 | 3.3 | 5.1 | 9.3       | 99.8   | 12.5     |         | 0.3           | 3.4  | ESE  | —              |
| 02   | 17 | 1.4             | 5.2  | -4.9 | 3.8              | 3.8 | 3.7 | 3.6 | 5.1 | 9.2       | 86.2   | 3.0      |         | 0.4           | 4.8  | ESE  | —              |
| 02   | 18 | -0.8            | 7.2  | -7.2 | 2.6              | 3.0 | 3.2 | 3.8 | 5.1 | 9.2       | 72.2   | 0.0      |         | 0.6           | 4.7  | SSE  | —              |
| 02   | 19 | 1.3             | 8.1  | -3.9 | 2.7              | 2.8 | 3.0 | 3.8 | 5.2 | 9.1       | 75.3   | 0.0      |         | 0.6           | 5.0  | SSE  | —              |
| 02   | 20 | 0.5             | 6.3  | -1.6 | 2.3              | 2.8 | 3.1 | 3.8 | 5.2 | 9.1       | 90.9   | 12.5     |         | 0.2           | 3.9  | SSE  | —              |
| 02   | 21 | 1.8             | 4.9  | -0.2 | 2.1              | 2.6 | 3.0 | 3.8 | 5.3 | 9.0       | 97.2   | 0.0      |         | 0.0           | 1.9  | W    | 8              |
| 02   | 22 | 4.0             | 12.6 | -1.0 | 3.9              | 3.2 | 3.2 | 3.8 | 5.3 | 9.0       | 87.7   | 0.0      |         | 0.6           | 4.6  | S    | —              |
| 02   | 23 | 6.0             | 13.6 | 1.5  | 4.8              | 4.2 | 4.0 | 4.0 | 5.3 | 8.9       | 81.9   | 0.0      |         | 0.5           | 4.5  | SE   | —              |
| 02   | 24 | 1.0             | 4.1  | 0.0  | 3.9              | 4.3 | 4.3 | 4.2 | 5.3 | 8.9       | 99.5   | 0.0      |         | 0.4           | 3.2  | ESE  | —              |
| 02   | 25 | 3.8             | 12.0 | -1.5 | 5.2              | 4.4 | 4.3 | 4.4 | 5.4 | 8.8       | 82.3   | 0.0      |         | 0.7           | 5.4  | SE   | —              |
| 02   | 26 | 1.4             | 4.3  | -0.2 | 3.6              | 4.4 | 4.6 | 4.6 | 5.4 | 8.8       | 98.3   | 37.5     |         | 0.1           | 4.3  | NW   | —              |
| 02   | 27 | 3.0             | 6.1  | -1.0 | 3.2              | 3.5 | 3.8 | 4.6 | 5.5 | 8.7       | 86.9   | 0.0      |         | 0.4           | 4.6  | ESE  | —              |
| 02   | 28 | 0.2             | 6.0  | -3.1 | 3.3              | 3.5 | 3.8 | 4.5 | 5.5 | 8.6       | 79.1   | 0.0      |         | 0.5           | 4.5  | SE   | —              |

|    |       |      |      |      |      |     |     |     |     |      |      |      |  |     |      |  |     |
|----|-------|------|------|------|------|-----|-----|-----|-----|------|------|------|--|-----|------|--|-----|
| 計  | Total |      |      |      |      |     |     |     |     |      |      | 94.5 |  |     |      |  |     |
| 平均 | Mean  | 1.2  | 8.0  | -3.4 | 2.2  | 2.3 | 2.5 | 3.4 | 5.3 | 9.4  | 72.0 | 3.4  |  | 0.7 | 6.2  |  | 5.7 |
| 最大 | Max.  | 10.7 | 19.9 | 4.7  | 5.2  | 4.4 | 4.6 | 4.6 | 5.7 | 10.2 | 99.8 | 37.5 |  | 1.9 | 17.3 |  | 8.0 |
| 最低 | Min.  | -5.2 | 1.2  | -9.7 | -0.1 | 0.6 | 1.2 | 2.9 | 5.1 | 8.6  | 40.2 | 0.0  |  | 0.0 | 1.9  |  | 3.0 |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 03   | 1     | 0.8             | 3.0  | -1.9 | 3.0              | 3.5 | 3.8 | 4.5 | 5.5 | 8.6       | 99.8   | 25.0     |         | 0.1           | 2.7  | W    | —              |
| 03   | 2     | 2.1             | 5.2  | -1.4 | 3.7              | 3.8 | 3.9 | 4.5 | 5.5 | 8.5       | 90.8   | 0.0      |         | 0.2           | 4.0  | ESE  | —              |
| 03   | 3     | -0.9            | 6.5  | -5.1 | 3.4              | 3.8 | 4.0 | 4.5 | 5.5 | 8.4       | 88.2   | 3.5      |         | 0.3           | 4.6  | SE   | 1              |
| 03   | 4     | -0.5            | 8.5  | -7.1 | 4.0              | 3.9 | 4.0 | 4.6 | 5.5 | 8.4       | 75.3   | 0.0      |         | 0.7           | 4.3  | SSE  | —              |
| 03   | 5     | 2.2             | 11.2 | -4.4 | 4.0              | 3.9 | 4.1 | 4.6 | 5.6 | 8.4       | 74.1   | 0.0      |         | 0.8           | 5.2  | S    | —              |
| 03   | 6     | 6.4             | 15.0 | -0.6 | 4.7              | 4.3 | 4.4 | 4.7 | 5.6 | 8.3       | 67.9   | 0.0      |         | 1.1           | 10.0 | W    | —              |
| 03   | 7     | 3.3             | 5.1  | 2.2  | 4.5              | 4.7 | 4.8 | 4.8 | 5.6 | 8.3       | 87.1   | 0.0      |         | 0.4           | 3.6  | ESE  | —              |
| 03   | 8     | 6.4             | 17.3 | -1.0 | 5.9              | 5.1 | 5.0 | 5.0 | 5.7 | 8.3       | 66.6   | 0.0      |         | 0.9           | 6.1  | SE   | —              |
| 03   | 9     | 3.8             | 11.3 | -1.7 | 5.5              | 5.3 | 5.3 | 5.1 | 5.7 | 8.3       | 71.5   | 0.0      |         | 0.8           | 5.8  | SE   | —              |
| 03   | 10    | 1.7             | 4.5  | -0.2 | 4.7              | 5.1 | 5.3 | 5.3 | 5.8 | 8.3       | 96.0   | 0.0      |         | 0.1           | 2.5  | SE   | —              |
| 03   | 11    | 6.6             | 15.7 | 0.0  | 6.1              | 5.4 | 5.3 | 5.4 | 5.8 | 8.3       | 83.8   | 0.0      |         | 0.7           | 4.9  | S    | —              |
| 03   | 12    | 7.9             | 13.6 | 2.6  | 6.3              | 6.0 | 5.9 | 5.5 | 5.9 | 8.3       | 73.1   | 1.0      |         | 1.4           | 8.5  | W    | —              |
| 03   | 13    | 0.7             | 7.7  | -5.0 | 5.9              | 6.0 | 6.0 | 5.7 | 6.0 | 8.3       | 52.8   | 0.0      |         | 1.5           | 7.6  | SSE  | —              |
| 03   | 14    | -2.1            | 5.3  | -7.3 | 3.3              | 4.5 | 5.1 | 5.8 | 6.1 | 8.3       | 54.0   | 0.0      |         | 0.9           | 6.5  | SSE  | —              |
| 03   | 15    | 2.1             | 13.1 | -6.8 | 4.1              | 4.2 | 4.5 | 5.6 | 6.2 | 8.3       | 51.7   | 0.0      |         | 0.9           | 5.4  | SSW  | —              |
| 03   | 16    | 4.4             | 13.3 | -1.2 | 4.3              | 4.5 | 4.7 | 5.5 | 6.2 | 8.3       | 71.6   | 23.0     |         | 1.0           | 8.8  | NNE  | —              |
| 03   | 17    | 7.1             | 13.1 | 1.6  | 6.2              | 5.5 | 5.4 | 5.5 | 6.2 | 8.3       | 63.1   | 0.5      |         | 2.3           | 15.6 | W    | —              |
| 03   | 18    | 5.8             | 12.4 | 1.3  | 5.6              | 5.6 | 5.6 | 5.6 | 6.2 | 8.3       | 60.7   | 0.0      |         | 0.8           | 7.1  | S    | —              |
| 03   | 19    | 3.1             | 11.3 | -2.6 | 5.6              | 5.7 | 5.8 | 5.8 | 6.2 | 8.3       | 70.7   | 1.0      |         | 1.5           | 11.3 | W    | —              |
| 03   | 20    | 2.4             | 10.5 | -3.9 | 4.9              | 5.1 | 5.4 | 5.9 | 6.3 | 8.3       | 38.2   | 0.0      |         | 2.1           | 10.0 | WSW  | —              |
| 03   | 21    | 6.0             | 13.5 | -0.2 | 5.5              | 5.3 | 5.5 | 5.8 | 6.3 | 8.3       | 36.4   | 0.0      |         | 2.4           | 12.7 | W    | —              |
| 03   | 22    | 4.0             | 11.3 | -2.1 | 5.2              | 5.3 | 5.5 | 5.9 | 6.4 | 8.3       | 59.6   | 7.5      |         | 0.4           | 5.6  | SSE  | —              |
| 03   | 23    | 5.7             | 15.2 | 0.2  | 6.4              | 5.9 | 5.8 | 5.9 | 6.4 | 8.3       | 84.9   | 3.5      |         | 0.6           | 4.0  | S    | —              |
| 03   | 24    | 4.6             | 11.1 | -0.5 | 6.4              | 6.3 | 6.2 | 6.0 | 6.4 | 8.3       | 69.3   | 0.0      |         | 0.8           | 5.4  | SE   | —              |
| 03   | 25    | 5.6             | 13.8 | -1.8 | 7.1              | 6.6 | 6.5 | 6.2 | 6.5 | 8.3       | 66.7   | 0.0      |         | 0.9           | 5.4  | SSE  | —              |
| 03   | 26    | 6.3             | 13.7 | 1.4  | 6.7              | 6.7 | 6.7 | 6.4 | 6.5 | 8.3       | 73.0   | 0.0      |         | 0.7           | 6.1  | SE   | —              |
| 03   | 27    | 7.1             | 15.6 | 1.0  | 7.4              | 6.9 | 6.8 | 6.5 | 6.6 | 8.3       | 66.4   | 0.0      |         | 0.9           | 5.6  | SE   | —              |
| 03   | 28    | 7.4             | 14.8 | 2.1  | 8.4              | 7.7 | 7.4 | 6.7 | 6.7 | 8.3       | 81.1   | 2.0      |         | 1.1           | 9.2  | SSW  | —              |
| 03   | 29    | 1.8             | 5.7  | -0.6 | 6.6              | 7.3 | 7.5 | 7.0 | 6.7 | 8.3       | 51.7   | 0.0      |         | 2.6           | 19.9 | W    | —              |
| 03   | 30    | 0.3             | 5.9  | -5.2 | 4.6              | 5.7 | 6.3 | 7.0 | 6.8 | 8.3       | 58.7   | 1.0      |         | 1.2           | 9.5  | W    | —              |
| 03   | 31    | 2.3             | 10.2 | -4.7 | 5.7              | 5.8 | 6.0 | 6.8 | 6.9 | 8.3       | 44.2   | 0.0      |         | 1.8           | 10.5 | W    | 2              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 68.0     |         |               |      |      |                |
| 平均   | Mean  | 3.7             | 10.8 | -1.7 | 5.4              | 5.3 | 5.4 | 5.6 | 6.1 | 8.3       | 68.7   | 2.2      |         | 1.0           | 7.3  |      | 1.5            |
| 最大   | Max.  | 7.9             | 17.3 | 2.6  | 8.4              | 7.7 | 7.5 | 7.0 | 6.9 | 8.6       | 99.8   | 25.0     |         | 2.6           | 19.9 |      | 2.0            |
| 最低   | Min.  | -2.1            | 3.0  | -7.3 | 3.0              | 3.5 | 3.8 | 4.5 | 5.5 | 8.3       | 36.4   | 0.0      |         | 0.1           | 2.5  |      | 1.0            |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |      |      |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|------|------|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |      |      |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1  | 0.2  | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |      |      |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 04   | 1     | 6.6             | 15.8 | -1.7 | 6.4              | 6.1  | 6.2  | 6.7 | 7.0 | 8.3       | 43.5   | 0.0      |         | 0.8           | 5.9  | ESE  | —              |
| 04   | 2     | 7.4             | 13.6 | 4.0  | 7.2              | 7.0  | 6.9  | 6.7 | 7.0 | 8.3       | 79.3   | 9.5      |         | 1.1           | 15.4 | SE   | —              |
| 04   | 3     | 9.5             | 14.6 | 5.6  | 8.0              | 7.4  | 7.3  | 6.9 | 7.0 | 8.3       | 38.1   | 0.0      |         | 3.4           | 14.1 | W    | —              |
| 04   | 4     | 12.7            | 21.2 | 5.3  | 8.8              | 7.9  | 7.7  | 7.1 | 7.1 | 8.4       | 33.3   | 0.0      |         | 1.3           | 8.8  | WSW  | —              |
| 04   | 5     | 6.2             | 9.5  | 3.1  | 8.0              | 8.2  | 8.2  | 7.4 | 7.1 | 8.4       | 89.3   | 12.5     |         | 0.3           | 3.7  | W    | —              |
| 04   | 6     | 5.7             | 14.5 | -0.4 | 8.0              | 7.8  | 7.8  | 7.6 | 7.2 | 8.4       | 58.5   | 0.0      |         | 1.0           | 11.1 | ESE  | —              |
| 04   | 7     | 5.3             | 12.0 | 0.3  | 8.1              | 8.0  | 8.0  | 7.6 | 7.3 | 8.4       | 73.1   | 0.0      |         | 0.8           | 5.8  | ESE  | —              |
| 04   | 8     | 5.7             | 11.4 | 0.2  | 7.5              | 7.8  | 7.9  | 7.7 | 7.4 | 8.4       | 65.4   | 0.0      |         | 2.5           | 15.1 | WSW  | —              |
| 04   | 9     | 7.8             | 17.4 | 1.1  | 8.0              | 7.8  | 7.8  | 7.8 | 7.5 | 8.5       | 43.6   | 0.0      |         | 1.6           | 9.1  | WSW  | —              |
| 04   | 10    | 4.0             | 7.3  | -0.1 | 6.6              | 7.3  | 7.7  | 7.8 | 7.6 | 8.5       | 84.9   | 0.0      |         | 0.2           | 3.0  | SSE  | —              |
| 04   | 11    | 4.8             | 5.5  | 4.2  | 6.8              | 7.2  | 7.5  | 7.8 | 7.6 | 8.5       | 100.0  | 8.5      |         | 0.5           | 4.7  | E    | —              |
| 04   | 12    | 9.6             | 13.3 | 5.4  | 8.0              | 7.5  | 7.6  | 7.7 | 7.7 | 8.5       | 96.5   | 18.0     |         | 0.2           | 3.4  | SE   | —              |
| 04   | 13    | 11.3            | 15.9 | 7.6  | 9.2              | 8.6  | 8.4  | 7.8 | 7.7 | 8.5       | 94.4   | 0.0      |         | 0.4           | 4.5  | SE   | —              |
| 04   | 14    | 10.2            | 16.2 | 4.7  | 9.7              | 9.2  | 8.9  | 8.1 | 7.7 | 8.5       | 87.9   | 0.0      |         | 0.7           | 5.6  | E    | —              |
| 04   | 15    | 7.0             | 12.7 | 3.3  | 9.6              | 9.2  | 9.1  | 8.3 | 7.8 | 8.6       | 58.3   | 0.0      |         | 0.8           | 5.8  | SE   | —              |
| 04   | 16    | 7.3             | 15.6 | 1.8  | 9.1              | 9.0  | 9.0  | 8.5 | 7.9 | 8.6       | 68.0   | 0.0      |         | 0.9           | 5.6  | SE   | —              |
| 04   | 17    | 7.8             | 15.9 | 0.1  | 9.5              | 9.3  | 9.1  | 8.6 | 8.0 | 8.6       | 54.8   | 0.0      |         | 0.9           | 7.0  | SE   | —              |
| 04   | 18    | 12.7            | 22.4 | 4.1  | 10.4             | 9.7  | 9.4  | 8.7 | 8.1 | 8.6       | 51.9   | 0.0      |         | 0.8           | 6.4  | ESE  | —              |
| 04   | 19    | 11.6            | 16.9 | 8.1  | 10.5             | 10.2 | 9.9  | 8.9 | 8.2 | 8.7       | 65.7   | 0.0      |         | 0.9           | 8.6  | WSW  | —              |
| 04   | 20    | 10.5            | 18.8 | 2.9  | 10.9             | 10.6 | 10.3 | 9.2 | 8.2 | 8.7       | 75.8   | 21.0     |         | 0.9           | 10.5 | N    | —              |
| 04   | 21    | 6.0             | 12.0 | 0.7  | 9.5              | 9.8  | 10.0 | 9.4 | 8.4 | 8.7       | 61.5   | 1.0      |         | 1.8           | 12.4 | WSW  | —              |
| 04   | 22    | 8.2             | 16.7 | -0.6 | 9.3              | 9.3  | 9.4  | 9.4 | 8.5 | 8.8       | 63.2   | 0.0      |         | 0.8           | 5.2  | SE   | —              |
| 04   | 23    | 9.8             | 15.7 | 6.5  | 10.2             | 10.0 | 9.8  | 9.3 | 8.6 | 8.8       | 77.5   | 0.0      |         | 0.5           | 5.1  | ESE  | —              |
| 04   | 24    | 12.7            | 22.8 | 5.6  | 11.8             | 10.8 | 10.4 | 9.5 | 8.7 | 8.8       | 63.4   | 0.0      |         | 0.9           | 7.2  | SE   | —              |
| 04   | 25    | 7.3             | 12.8 | 1.6  | 10.7             | 11.0 | 10.8 | 9.7 | 8.7 | 8.8       | 65.0   | 0.0      |         | 1.1           | 10.1 | SSW  | —              |
| 04   | 26    | 7.5             | 13.6 | 0.5  | 9.2              | 9.7  | 9.9  | 9.8 | 8.9 | 8.9       | 61.4   | 0.0      |         | 0.9           | 5.1  | ESE  | —              |
| 04   | 27    | 7.9             | 11.7 | 5.1  | 9.6              | 9.8  | 9.9  | 9.8 | 9.0 | 8.9       | 87.3   | 3.0      |         | 0.4           | 4.3  | ESE  | —              |
| 04   | 28    | 10.2            | 19.2 | 2.1  | 10.8             | 10.3 | 10.1 | 9.8 | 9.0 | 9.0       | 66.8   | 0.0      |         | 0.8           | 6.2  | ESE  | —              |
| 04   | 29    | 10.1            | 15.7 | 4.7  | 10.1             | 10.3 | 10.3 | 9.9 | 9.1 | 9.0       | 70.7   | 0.0      |         | 0.8           | 9.0  | W    | —              |
| 04   | 30    | 13.1            | 19.8 | 5.7  | 11.5             | 10.7 | 10.5 | 9.9 | 9.2 | 9.0       | 72.1   | 0.0      |         | 0.7           | 5.4  | ESE  | —              |
| 計    | Total |                 |      |      |                  |      |      |     |     |           |        | 73.5     |         |               |      |      |                |
| 平均   | Mean  | 8.5             | 15.0 | 3.1  | 9.1              | 8.9  | 8.9  | 8.4 | 8.0 | 8.6       | 68.4   | 2.5      |         | 1.0           | 7.5  |      |                |
| 最大   | Max.  | 13.1            | 22.8 | 8.1  | 11.8             | 11.0 | 10.8 | 9.9 | 9.2 | 9.0       | 100.0  | 21.0     |         | 3.4           | 15.4 |      |                |
| 最低   | Min.  | 4.0             | 5.5  | -1.7 | 6.4              | 6.1  | 6.2  | 6.7 | 7.0 | 8.3       | 33.3   | 0.0      |         | 0.2           | 3.0  |      |                |

代替機器観測日 (The date of observation by alternative hardwares)



2006年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 19.1            | 28.6       | 10.3       | 13.8             | 12.3 | 11.6 | 10.1 | 9.2  | 9.1          | 55.4   | 0.0         |         | 1.1           | 11.5       | E          | —                 |
| 05   | 2     | 10.9            | 15.5       | 2.5        | 12.6             | 12.7 | 12.3 | 10.6 | 9.3  | 9.1          | 96.0   | 13.5        |         | 0.6           | 6.0        | E          | —                 |
| 05   | 3     | 9.2             | 18.5       | 0.3        | 11.5             | 11.6 | 11.6 | 10.8 | 9.4  | 9.2          | 68.5   | 0.0         |         | 0.9           | 5.9        | ESE        | —                 |
| 05   | 4     | 12.0            | 21.4       | 2.8        | 12.2             | 11.8 | 11.6 | 10.8 | 9.5  | 9.2          | 72.1   | 0.0         |         | 0.8           | 5.7        | SE         | —                 |
| 05   | 5     | 16.5            | 26.7       | 6.8        | 13.5             | 12.6 | 12.2 | 11.0 | 9.7  | 9.3          | 59.0   | 0.0         |         | 0.7           | 5.5        | SE         | —                 |
| 05   | 6     | 17.3            | 25.0       | 11.3       | 14.9             | 13.8 | 13.1 | 11.3 | 9.8  | 9.3          | 66.7   | 0.0         |         | 0.7           | 6.1        | ESE        | —                 |
| 05   | 7     | 13.1            | 16.9       | 11.0       | 14.2             | 14.0 | 13.5 | 11.7 | 9.9  | 9.3          | 91.1   | 0.5         |         | 0.6           | 12.3       | ESE        | —                 |
| 05   | 8     | 16.4            | 25.4       | 11.1       | 15.5             | 14.3 | 13.7 | 11.9 | 10.0 | 9.4          | 87.4   | 0.0         |         | 0.7           | 6.7        | ESE        | —                 |
| 05   | 9     | 13.4            | 18.9       | 10.5       | 15.2             | 14.7 | 14.2 | 12.3 | 10.2 | 9.4          | 92.7   | 0.5         |         | 0.5           | 5.7        | SE         | —                 |
| 05   | 10    | 16.2            | 22.7       | 11.6       | 15.7             | 14.9 | 14.4 | 12.6 | 10.4 | 9.5          | 80.5   | 0.0         |         | 1.7           | 12.1       | WNW        | —                 |
| 05   | 11    | 17.6            | 22.0       | 11.7       | 16.0             | 15.4 | 14.9 | 12.8 | 10.6 | 9.6          | 79.7   | 0.0         |         | 1.2           | 10.3       | SW         | —                 |
| 05   | 12    | 12.0            | 15.9       | 9.1        | 14.6             | 14.7 | 14.6 | 13.1 | 10.8 | 9.6          | 71.6   | 0.0         |         | 0.7           | 4.9        | ESE        | —                 |
| 05   | 13    | 7.3             | 9.3        | 5.9        | 12.6             | 13.5 | 13.7 | 13.1 | 10.9 | 9.7          | 90.4   | 5.0         |         | 0.2           | 3.1        | ESE        | —                 |
| 05   | 14    | 11.4            | 19.0       | 6.0        | 13.0             | 13.0 | 13.1 | 12.9 | 11.1 | 9.8          | 84.8   | 0.0         |         | 0.5           | 4.7        | ESE        | —                 |
| 05   | 15    | 12.8            | 20.4       | 5.2        | 13.5             | 13.3 | 13.3 | 12.8 | 11.2 | 9.8          | 77.2   | 0.0         |         | 0.6           | 5.2        | SE         | —                 |
| 05   | 16    | 11.8            | 14.1       | 9.8        | 13.4             | 13.6 | 13.5 | 12.8 | 11.3 | 9.9          | 92.4   | 1.0         |         | 0.2           | 2.5        | W          | —                 |
| 05   | 17    | 12.4            | 17.6       | 9.1        | 13.4             | 13.4 | 13.4 | 12.9 | 11.4 | 10.0         | 87.8   | 6.0         |         | 0.3           | 4.1        | ESE        | —                 |
| 05   | 18    | 12.5            | 15.9       | 10.3       | 13.6             | 13.5 | 13.5 | 12.9 | 11.5 | 10.0         | 94.6   | 2.5         |         | 0.1           | 2.5        | W          | —                 |
| 05   | 19    | 13.7            | 18.1       | 10.4       | 13.9             | 13.6 | 13.6 | 12.9 | 11.5 | 10.1         | 95.3   | 1.5         |         | 0.4           | 6.1        | SE         | —                 |
| 05   | 20    | 17.1            | 26.8       | 10.7       | 15.8             | 14.9 | 14.4 | 13.1 | 11.6 | 10.2         | 91.4   | 15.5        |         | 0.8           | 5.8        | ENE        | —                 |
| 05   | 21    | 16.1            | 24.7       | 8.5        | 15.4             | 15.2 | 14.9 | 13.4 | 11.7 | 10.3         | 66.3   | 0.0         |         | 0.9           | 6.1        | E          | —                 |
| 05   | 22    | 15.4            | 20.6       | 12.1       | 15.9             | 15.4 | 15.1 | 13.7 | 11.8 | 10.3         | 85.4   | 0.0         |         | 0.6           | 6.4        | ESE        | —                 |
| 05   | 23    | 17.5            | 24.7       | 12.9       | 16.6             | 16.0 | 15.5 | 13.9 | 11.9 | 10.4         | 82.5   | 0.0         |         | 0.5           | 5.7        | SE         | —                 |
| 05   | 24    | 15.9            | 25.3       | 9.4        | 16.4             | 16.2 | 15.9 | 14.2 | 12.0 | 10.5         | 82.3   | 14.5        |         | 0.7           | 5.6        | ESE        | —                 |
| 05   | 25    | 14.6            | 23.4       | 6.0        | 15.6             | 15.7 | 15.6 | 14.4 | 12.2 | 10.6         | 73.1   | 0.5         |         | 0.7           | 4.6        | SE         | —                 |
| 05   | 26    | 12.9            | 15.8       | 9.4        | 14.9             | 15.3 | 15.3 | 14.5 | 12.3 | 10.6         | 89.2   | 0.0         |         | 0.5           | 4.0        | ESE        | —                 |
| 05   | 27    | 12.4            | 13.9       | 11.1       | 14.6             | 14.9 | 15.0 | 14.5 | 12.5 | 10.7         | 97.1   | 4.0         |         | 0.3           | 3.5        | ESE        | —                 |
| 05   | 28    | 15.3            | 20.7       | 12.1       | 15.2             | 15.0 | 15.0 | 14.4 | 12.6 | 10.8         | 94.5   | 10.5        |         | 0.3           | 4.0        | ESE        | —                 |
| 05   | 29    | 16.0            | 21.7       | 10.5       | 15.9             | 15.5 | 15.3 | 14.5 | 12.7 | 10.9         | 88.0   | 0.0         |         | 0.6           | 5.1        | SE         | —                 |
| 05   | 30    | 16.4            | 22.0       | 13.1       | 16.3             | 16.0 | 15.8 | 14.6 | 12.8 | 10.9         | 88.0   | 1.5         |         | 0.4           | 4.9        | ESE        | —                 |
| 05   | 31    | 17.4            | 25.9       | 9.3        | 16.4             | 16.1 | 15.9 | 14.8 | 12.9 | 11.0         | 70.7   | 0.0         |         | 0.8           | 4.3        | N          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 77.0        |         |               |            |            |                   |
| 平均   | Mean  | 14.3            | 20.6       | 9.1        | 14.6             | 14.3 | 14.0 | 12.9 | 11.1 | 9.9          | 82.3   | 2.5         |         | 0.6           | 5.8        |            |                   |
| 最大   | Max.  | 19.1            | 28.6       | 13.1       | 16.6             | 16.2 | 15.9 | 14.8 | 12.9 | 11.0         | 97.1   | 15.5        |         | 1.7           | 12.3       |            |                   |
| 最低   | Min.  | 7.3             | 9.3        | 0.3        | 11.5             | 11.6 | 11.6 | 10.1 | 9.2  | 9.1          | 55.4   | 0.0         |         | 0.1           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 19.5            | 28.0       | 12.8       | 16.8             | 16.4 | 16.1 | 14.9 | 13.0 | 11.1         | 61.2   | 0.0         |         | 1.0           | 6.7        | E          | —                 |
| 06   | 2     | 17.7            | 22.1       | 14.2       | 17.2             | 16.9 | 16.6 | 15.1 | 13.1 | 11.2         | 81.5   | 0.0         |         | 0.4           | 3.4        | SE         | —                 |
| 06   | 3     | 15.4            | 21.0       | 12.4       | 16.8             | 16.7 | 16.6 | 15.3 | 13.2 | 11.2         | 87.7   | 0.0         |         | 0.7           | 5.2        | ESE        | —                 |
| 06   | 4     | 13.7            | 16.8       | 11.2       | 16.2             | 16.4 | 16.4 | 15.4 | 13.3 | 11.3         | 89.4   | 0.0         |         | 0.6           | 4.0        | ESE        | —                 |
| 06   | 5     | 15.4            | 22.8       | 11.5       | 16.3             | 16.2 | 16.2 | 15.4 | 13.4 | 11.4         | 83.4   | 0.0         |         | 0.4           | 5.8        | ESE        | —                 |
| 06   | 6     | 14.0            | 21.4       | 10.3       | 15.7             | 16.0 | 16.1 | 15.4 | 13.6 | 11.5         | 92.5   | 11.0        |         | 0.4           | 5.1        | SE         | —                 |
| 06   | 7     | 14.6            | 21.2       | 9.0        | 15.8             | 15.8 | 15.9 | 15.4 | 13.6 | 11.5         | 87.3   | 0.0         |         | 0.6           | 5.5        | ESE        | —                 |
| 06   | 8     | 14.3            | 17.3       | 12.8       | 15.8             | 16.0 | 16.1 | 15.4 | 13.7 | 11.6         | 94.9   | 1.0         |         | 0.3           | 3.6        | ESE        | —                 |
| 06   | 9     | 14.2            | 16.5       | 12.4       | 15.5             | 15.7 | 15.8 | 15.4 | 13.8 | 11.7         | 97.9   | 20.5        |         | 0.2           | 3.4        | ESE        | —                 |
| 06   | 10    | 16.5            | 23.6       | 11.4       | 15.8             | 15.7 | 15.8 | 15.4 | 13.8 | 11.8         | 88.3   | 0.0         |         | 0.2           | 3.5        | WNW        | —                 |
| 06   | 11    | 14.3            | 15.5       | 13.3       | 15.8             | 15.9 | 16.0 | 15.4 | 13.9 | 11.8         | 98.0   | 7.0         |         | 0.0           | 2.2        | W          | —                 |
| 06   | 12    | 15.9            | 20.6       | 11.5       | 16.1             | 16.0 | 16.0 | 15.4 | 13.9 | 11.9         | 93.0   | 0.0         |         | 0.5           | 5.5        | ESE        | —                 |
| 06   | 13    | 17.4            | 22.2       | 13.7       | 17.0             | 16.7 | 16.4 | 15.5 | 14.0 | 12.0         | 87.6   | 0.0         |         | 0.6           | 4.4        | ESE        | —                 |
| 06   | 14    | 16.7            | 19.4       | 14.6       | 17.0             | 16.9 | 16.7 | 15.7 | 14.0 | 12.1         | 94.9   | 0.0         |         | 0.4           | 4.3        | ESE        | —                 |
| 06   | 15    | 15.8            | 18.6       | 13.3       | 16.5             | 16.6 | 16.6 | 15.8 | 14.1 | 12.1         | 95.9   | 6.5         |         | 0.3           | 5.1        | NE         | —                 |
| 06   | 16    | 18.7            | 25.3       | 15.1       | 17.1             | 16.7 | 16.6 | 16.0 | 14.3 | 12.2         | 94.7   | 44.0        |         | 0.1           | 2.2        | SW         | —                 |
| 06   | 17    | 21.1            | 26.9       | 16.8       | 18.9             | 18.0 | 17.5 | 16.1 | 14.4 | 12.3         | 88.8   | 2.0         |         | 0.6           | 5.3        | SE         | —                 |
| 06   | 18    | 18.9            | 21.0       | 17.2       | 19.0             | 18.7 | 18.2 | 16.4 | 14.5 | 12.4         | 96.5   | 9.5         |         | 0.0           | 2.2        | W          | —                 |
| 06   | 19    | 20.3            | 27.9       | 14.3       | 19.3             | 18.9 | 18.4 | 16.8 | 14.6 | 12.5         | 84.5   | 0.0         |         | 0.6           | 4.6        | E          | —                 |
| 06   | 20    | 20.0            | 26.1       | 14.9       | 19.3             | 19.1 | 18.7 | 17.0 | 14.7 | 12.6         | 83.3   | 0.0         |         | 0.5           | 4.7        | SE         | —                 |
| 06   | 21    | 18.7            | 22.4       | 16.5       | 19.1             | 19.1 | 18.8 | 17.3 | 14.9 | 12.7         | 91.6   | 0.0         |         | 0.3           | 4.8        | SE         | —                 |
| 06   | 22    | 17.3            | 19.9       | 14.8       | 18.6             | 18.7 | 18.6 | 17.4 | 15.0 | 12.7         | 95.0   | 4.5         |         | 0.1           | 3.1        | S          | —                 |
| 06   | 23    | 19.1            | 25.0       | 13.7       | 18.7             | 18.6 | 18.5 | 17.4 | 15.2 | 12.8         | 85.8   | 0.0         |         | 0.3           | 4.0        | S          | —                 |
| 06   | 24    | 20.2            | 24.1       | 17.0       | 19.4             | 19.1 | 18.8 | 17.5 | 15.3 | 12.9         | 84.5   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 06   | 25    | 17.9            | 19.4       | 16.6       | 18.9             | 19.0 | 18.9 | 17.7 | 15.4 | 13.0         | 97.3   | 0.0         |         | 0.2           | 3.0        | ESE        | —                 |
| 06   | 26    | 18.0            | 19.7       | 16.2       | 18.6             | 18.6 | 18.7 | 17.7 | 15.5 | 13.0         | 95.3   | 1.5         |         | 0.0           | 2.0        | ESE        | —                 |
| 06   | 27    | 21.9            | 28.7       | 16.3       | 20.0             | 19.3 | 18.9 | 17.8 | 15.6 | 13.1         | 83.5   | 0.0         |         | 0.5           | 4.7        | ESE        | —                 |
| 06   | 28    | 21.9            | 29.1       | 16.9       | 20.3             | 19.9 | 19.5 | 17.9 | 15.7 | 13.2         | 82.0   | 0.0         |         | 0.5           | 4.3        | SW         | —                 |
| 06   | 29    | 22.4            | 28.7       | 15.7       | 20.8             | 20.3 | 19.8 | 18.2 | 15.8 | 13.2         | 77.8   | 0.0         |         | 0.6           | 4.2        | SSE        | —                 |
| 06   | 30    | 21.3            | 25.0       | 17.5       | 20.7             | 20.5 | 20.1 | 18.4 | 15.9 | 13.3         | 86.6   | 0.0         |         | 0.4           | 4.3        | SSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 107.5       |         |               |            |            |                   |
| 平均   | Mean  | 17.8            | 22.5       | 14.1       | 17.8             | 17.6 | 17.4 | 16.3 | 14.4 | 12.2         | 88.7   | 3.6         |         | 0.4           | 4.2        |            |                   |
| 最大   | Max.  | 22.4            | 29.1       | 17.5       | 20.8             | 20.5 | 20.1 | 18.4 | 15.9 | 13.3         | 98.0   | 44.0        |         | 1.0           | 6.7        |            |                   |
| 最低   | Min.  | 13.7            | 15.5       | 9.0        | 15.5             | 15.7 | 15.8 | 14.9 | 13.0 | 11.1         | 61.2   | 0.0         |         | 0.0           | 2.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 21.2            | 23.9       | 18.5       | 20.6             | 20.4 | 20.1 | 18.6 | 16.0 | 13.4         | 91.6   | 0.5         |         | 0.2           | 3.0        | W          | —                 |
| 07   | 2     | 20.4            | 24.3       | 17.7       | 20.5             | 20.3 | 20.2 | 18.7 | 16.2 | 13.5         | 88.3   | 0.0         |         | 0.6           | 5.0        | E          | —                 |
| 07   | 3     | 21.0            | 27.2       | 17.3       | 20.3             | 20.2 | 20.1 | 18.8 | 16.3 | 13.5         | 81.8   | 0.5         |         | 0.5           | 4.2        | ESE        | —                 |
| 07   | 4     | 21.3            | 26.5       | 17.0       | 20.8             | 20.5 | 20.2 | 18.9 | 16.4 | 13.6         | 80.6   | 0.0         |         | 0.6           | 4.4        | ESE        | —                 |
| 07   | 5     | 17.6            | 18.9       | 16.6       | 19.7             | 20.1 | 20.1 | 19.0 | 16.5 | 13.7         | 97.9   | 7.5         |         | 0.2           | 2.9        | ESE        | —                 |
| 07   | 6     | 20.6            | 25.8       | 17.2       | 20.3             | 20.0 | 19.9 | 19.0 | 16.6 | 13.8         | 93.4   | 0.0         |         | 0.3           | 5.6        | ESE        | —                 |
| 07   | 7     | 21.8            | 26.0       | 18.8       | 21.1             | 20.7 | 20.4 | 19.0 | 16.7 | 13.8         | 89.1   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 07   | 8     | 21.6            | 26.8       | 17.3       | 21.0             | 20.8 | 20.6 | 19.2 | 16.8 | 13.9         | 88.7   | 5.0         |         | 0.3           | 4.2        | SE         | —                 |
| 07   | 9     | 20.0            | 21.9       | 18.6       | 20.9             | 20.9 | 20.7 | 19.3 | 16.9 | 14.0         | 97.5   | 13.5        |         | 0.1           | 3.3        | ESE        | —                 |
| 07   | 10    | 21.9            | 26.5       | 19.1       | 21.4             | 21.0 | 20.8 | 19.4 | 17.0 | 14.1         | 92.9   | 0.0         |         | 0.3           | 4.7        | ESE        | —                 |
| 07   | 11    | 22.9            | 27.9       | 19.1       | 22.0             | 21.5 | 21.2 | 19.6 | 17.1 | 14.1         | 89.6   | 0.0         |         | 0.3           | 4.4        | SE         | —                 |
| 07   | 12    | 22.9            | 26.6       | 20.0       | 22.2             | 21.8 | 21.5 | 19.8 | 17.2 | 14.2         | 92.1   | 0.0         |         | 0.1           | 2.9        | WSW        | —                 |
| 07   | 13    | 24.1            | 29.1       | 20.0       | 22.6             | 22.1 | 21.7 | 20.0 | 17.3 | 14.3         | 85.9   | 0.0         |         | 0.3           | 4.0        | WSW        | —                 |
| 07   | 14    | 24.4            | 32.4       | 20.3       | 22.9             | 22.4 | 22.0 | 20.2 | 17.4 | 14.4         | 85.0   | 1.0         |         | 0.5           | 5.2        | W          | —                 |
| 07   | 15    | 24.3            | 32.1       | 19.5       | 23.1             | 22.7 | 22.3 | 20.4 | 17.6 | 14.5         | 84.4   | 0.0         |         | 0.6           | 4.5        | WSW        | —                 |
| 07   | 16    | 21.8            | 24.3       | 19.5       | 22.5             | 22.5 | 22.3 | 20.6 | 17.7 | 14.5         | 95.1   | 1.5         |         | 0.2           | 2.9        | W          | —                 |
| 07   | 17    | 19.5            | 20.5       | 17.4       | 21.1             | 21.6 | 21.8 | 20.8 | 17.8 | 14.6         | 98.1   | 48.0        |         | 0.2           | 4.4        | E          | —                 |
| 07   | 18    | 17.1            | 17.9       | 16.2       | 19.8             | 20.6 | 21.0 | 20.8 | 18.1 | 14.7         | 99.4   | 51.0        |         | 0.3           | 3.1        | E          | —                 |
| 07   | 19    | 17.4            | 19.6       | 16.2       | 18.4             | 19.0 | 19.6 | 20.5 | 18.9 | 15.1         | 98.7   | 71.0        |         | 0.0           | 1.9        | ESE        | —                 |
| 07   | 20    | 17.3            | 18.2       | 16.6       | 18.9             | 19.3 | 19.6 | 20.2 | 19.1 | 15.5         | 99.5   | 2.0         |         | 0.2           | 2.9        | ESE        | —                 |
| 07   | 21    | 16.9            | 18.3       | 15.9       | 18.7             | 19.2 | 19.6 | 20.0 | 19.0 | 15.6         | 99.4   | 16.0        |         | 0.1           | 2.4        | E          | —                 |
| 07   | 22    | 18.7            | 22.7       | 16.1       | 19.4             | 19.5 | 19.7 | 19.9 | 19.0 | 15.8         | 95.9   | 0.0         |         | 0.3           | 4.6        | ESE        | —                 |
| 07   | 23    | 20.4            | 25.9       | 17.0       | 20.2             | 20.1 | 20.1 | 19.9 | 18.9 | 15.9         | 91.7   | 3.5         |         | 0.3           | 4.3        | SE         | —                 |
| 07   | 24    | 18.7            | 20.0       | 17.5       | 19.9             | 20.3 | 20.4 | 20.0 | 18.8 | 16.0         | 98.5   | 2.0         |         | 0.1           | 2.3        | ESE        | —                 |
| 07   | 25    | 20.9            | 24.8       | 18.3       | 20.4             | 20.3 | 20.4 | 20.0 | 18.8 | 16.0         | 95.7   | 10.0        |         | 0.1           | 3.2        | ESE        | —                 |
| 07   | 26    | 23.4            | 29.6       | 19.9       | 21.7             | 21.2 | 21.0 | 20.1 | 18.8 | 16.1         | 89.0   | 0.0         |         | 0.4           | 4.0        | SE         | —                 |
| 07   | 27    | 22.1            | 27.6       | 18.3       | 21.8             | 21.7 | 21.5 | 20.3 | 18.8 | 16.2         | 90.3   | 0.0         |         | 0.4           | 4.7        | S          | —                 |
| 07   | 28    | 21.9            | 25.3       | 18.7       | 21.7             | 21.7 | 21.6 | 20.5 | 18.8 | 16.2         | 90.7   | 0.0         |         | 0.4           | 4.6        | SE         | —                 |
| 07   | 29    | 22.0            | 27.3       | 18.3       | 21.8             | 21.7 | 21.6 | 20.7 | 18.9 | 16.3         | 89.3   | 2.0         |         | 0.5           | 3.3        | W          | —                 |
| 07   | 30    | 22.8            | 28.7       | 18.1       | 22.5             | 22.2 | 21.9 | 20.8 | 18.9 | 16.3         | 83.3   | 0.0         |         | 0.9           | 6.1        | ESE        | —                 |
| 07   | 31    | 20.4            | 24.8       | 16.8       | 21.7             | 22.1 | 22.0 | 20.9 | 19.0 | 16.4         | 84.6   | 0.0         |         | 0.5           | 4.5        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 235.0       |         |               |            |            |                   |
| 平均   | Mean  | 20.9            | 24.9       | 18.0       | 21.0             | 20.9 | 20.8 | 19.9 | 17.8 | 14.8         | 91.5   | 7.6         |         | 0.3           | 3.9        |            |                   |
| 最大   | Max.  | 24.4            | 32.4       | 20.3       | 23.1             | 22.7 | 22.3 | 20.9 | 19.1 | 16.4         | 99.5   | 71.0        |         | 0.9           | 6.1        |            |                   |
| 最低   | Min.  | 16.9            | 17.9       | 15.9       | 18.4             | 19.0 | 19.6 | 18.6 | 16.0 | 13.4         | 80.6   | 0.0         |         | 0.0           | 1.9        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 20.8            | 26.8       | 16.9       | 21.6             | 21.9 | 21.8 | 21.0 | 19.1 | 16.4         | 86.7   | 0.0         |         | 0.4           | 4.7        | SE         | —                 |
| 08   | 2     | 23.4            | 30.1       | 16.7       | 22.3             | 22.2 | 22.0 | 21.1 | 19.1 | 16.5         | 80.4   | 0.0         |         | 0.6           | 5.4        | ESE        | —                 |
| 08   | 3     | 24.8            | 32.1       | 18.9       | 23.1             | 22.9 | 22.5 | 21.2 | 19.2 | 16.5         | 77.1   | 0.0         |         | 0.7           | 6.2        | S          | —                 |
| 08   | 4     | 25.5            | 34.0       | 18.9       | 23.2             | 23.1 | 22.8 | 21.4 | 19.3 | 16.5         | 72.8   | 0.0         |         | 0.7           | 4.9        | WSW        | —                 |
| 08   | 5     | 25.7            | 33.8       | 19.2       | 23.2             | 23.3 | 23.0 | 21.6 | 19.4 | 16.6         | 69.7   | 0.0         |         | 0.6           | 5.2        | SSE        | —                 |
| 08   | 6     | 25.2            | 32.6       | 18.8       | 23.6             | 23.5 | 23.2 | 21.8 | 19.5 | 16.7         | 77.6   | 0.0         |         | 0.5           | 4.6        | SE         | —                 |
| 08   | 7     | 24.5            | 31.6       | 19.4       | 23.8             | 23.8 | 23.4 | 22.0 | 19.6 | 16.7         | 79.2   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 08   | 8     | 22.1            | 25.9       | 18.7       | 22.8             | 23.3 | 23.2 | 22.1 | 19.8 | 16.8         | 86.2   | 0.0         |         | 0.5           | 3.3        | ESE        | —                 |
| 08   | 9     | 21.1            | 25.3       | 19.4       | 21.8             | 22.4 | 22.6 | 22.1 | 19.7 | 16.8         | 96.3   | 47.5        |         | 0.2           | 3.1        | ESE        | —                 |
| 08   | 10    | 23.7            | 31.8       | 17.1       | 22.3             | 22.5 | 22.5 | 22.0 | 19.9 | 16.8         | 79.7   | 0.0         |         | 0.7           | 5.0        | W          | —                 |
| 08   | 11    | 24.1            | 31.4       | 17.8       | 22.9             | 23.0 | 22.8 | 22.0 | 20.0 | 16.9         | 78.3   | 2.5         |         | 0.6           | 5.0        | ESE        | —                 |
| 08   | 12    | 19.6            | 25.6       | 16.2       | 22.0             | 22.9 | 23.0 | 22.1 | 20.0 | 16.9         | 95.0   | 17.5        |         | 0.5           | 6.5        | WNW        | —                 |
| 08   | 13    | 22.3            | 30.0       | 15.6       | 21.6             | 22.0 | 22.2 | 22.1 | 20.1 | 17.0         | 83.6   | 0.0         |         | 0.5           | 5.3        | SSE        | —                 |
| 08   | 14    | 23.0            | 28.2       | 18.2       | 22.7             | 22.8 | 22.7 | 22.1 | 20.2 | 17.1         | 86.6   | 0.0         |         | 0.5           | 4.1        | SE         | —                 |
| 08   | 15    | 21.3            | 24.2       | 19.4       | 22.4             | 22.8 | 22.8 | 22.2 | 20.3 | 17.1         | 93.0   | 2.0         |         | 0.1           | 2.5        | SSE        | —                 |
| 08   | 16    | 22.4            | 25.5       | 20.1       | 22.7             | 22.8 | 22.8 | 22.2 | 20.3 | 17.2         | 95.5   | 2.0         |         | 0.1           | 2.7        | S          | —                 |
| 08   | 17    | 23.2            | 26.5       | 20.5       | 23.0             | 23.0 | 23.0 | 22.2 | 20.4 | 17.3         | 95.5   | 4.0         |         | 0.1           | 3.1        | SW         | —                 |
| 08   | 18    | 25.2            | 31.3       | 20.6       | 23.8             | 23.6 | 23.3 | 22.3 | 20.4 | 17.3         | 84.9   | 0.0         |         | 0.5           | 6.3        | SSE        | —                 |
| 08   | 19    | 24.4            | 30.8       | 19.6       | 24.0             | 23.9 | 23.7 | 22.5 | 20.5 | 17.4         | 86.3   | 5.0         |         | 0.5           | 5.1        | SSE        | —                 |
| 08   | 20    | 24.3            | 30.2       | 20.6       | 24.2             | 24.2 | 24.0 | 22.7 | 20.5 | 17.5         | 88.0   | 0.0         |         | 0.4           | 4.6        | ESE        | —                 |
| 08   | 21    | 23.6            | 29.2       | 21.2       | 24.0             | 24.2 | 24.0 | 22.9 | 20.6 | 17.5         | 90.1   | 1.0         |         | 0.3           | 4.6        | ESE        | —                 |
| 08   | 22    | 23.7            | 29.0       | 20.5       | 23.8             | 24.1 | 24.0 | 23.0 | 20.7 | 17.6         | 90.0   | 56.5        |         | 0.5           | 4.6        | SE         | —                 |
| 08   | 23    | 23.2            | 28.9       | 19.3       | 23.1             | 23.5 | 23.6 | 23.3 | 21.0 | 17.7         | 88.8   | 0.0         |         | 0.3           | 4.0        | SSE        | —                 |
| 08   | 24    | 23.6            | 29.0       | 19.4       | 23.7             | 23.8 | 23.8 | 23.2 | 21.1 | 17.9         | 89.2   | 2.0         |         | 0.5           | 5.9        | SSE        | —                 |
| 08   | 25    | 22.5            | 27.1       | 19.5       | 23.5             | 23.9 | 23.9 | 23.2 | 21.2 | 18.0         | 88.9   | 0.0         |         | 0.4           | 3.7        | SSW        | —                 |
| 08   | 26    | 19.9            | 22.2       | 18.5       | 22.5             | 23.3 | 23.5 | 23.2 | 21.3 | 18.0         | 95.2   | 4.5         |         | 0.2           | 2.8        | ESE        | —                 |
| 08   | 27    | 18.8            | 20.9       | 17.7       | 21.8             | 22.6 | 23.0 | 23.1 | 21.3 | 18.1         | 99.2   | 3.0         |         | 0.4           | 3.5        | E          | —                 |
| 08   | 28    | 19.6            | 21.9       | 17.8       | 21.4             | 22.1 | 22.5 | 22.9 | 21.3 | 18.2         | 96.4   | 2.0         |         | 0.1           | 2.9        | E          | —                 |
| 08   | 29    | 22.6            | 28.7       | 17.0       | 22.1             | 22.4 | 22.5 | 22.7 | 21.4 | 18.2         | 86.7   | 0.0         |         | 0.3           | 3.7        | SW         | —                 |
| 08   | 30    | 20.8            | 24.7       | 16.9       | 22.1             | 22.6 | 22.8 | 22.6 | 21.3 | 18.3         | 92.6   | 0.5         |         | 0.3           | 3.4        | NW         | —                 |
| 08   | 31    | 20.8            | 28.1       | 15.0       | 21.3             | 22.1 | 22.4 | 22.6 | 21.3 | 18.4         | 76.5   | 0.0         |         | 0.7           | 3.9        | WSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 150.0       |         |               |            |            |                   |
| 平均   | Mean  | 22.8            | 28.3       | 18.6       | 22.8             | 23.0 | 23.0 | 22.3 | 20.3 | 17.3         | 86.6   | 4.8         |         | 0.4           | 4.4        |            |                   |
| 最大   | Max.  | 25.7            | 34.0       | 21.2       | 24.2             | 24.2 | 24.0 | 23.3 | 21.4 | 18.4         | 99.2   | 56.5        |         | 0.7           | 6.5        |            |                   |
| 最低   | Min.  | 18.8            | 20.9       | 15.0       | 21.3             | 21.9 | 21.8 | 21.0 | 19.1 | 16.4         | 69.7   | 0.0         |         | 0.1           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 09月

## 氣象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 17.6            | 19.8       | 14.8       | 20.5             | 21.6 | 22.0 | 22.5 | 21.3 | 18.4         | 96.0   | 7.0         |         | 0.2           | 5.4        | WNW        | —                 |
| 09   | 2     | 19.1            | 25.4       | 13.6       | 20.3             | 21.1 | 21.5 | 22.2 | 21.3 | 18.5         | 87.3   | 0.0         |         | 0.5           | 4.7        | ESE        | —                 |
| 09   | 3     | 21.3            | 28.4       | 16.4       | 21.3             | 21.6 | 21.8 | 22.1 | 21.2 | 18.5         | 81.1   | 0.0         |         | 0.5           | 4.5        | SSE        | —                 |
| 09   | 4     | 20.8            | 27.5       | 15.5       | 21.4             | 21.9 | 22.0 | 22.0 | 21.2 | 18.5         | 81.0   | 0.0         |         | 0.7           | 4.1        | SSW        | —                 |
| 09   | 5     | 22.6            | 31.6       | 16.0       | 21.5             | 22.0 | 22.1 | 22.1 | 21.1 | 18.6         | 75.6   | 0.0         |         | 0.5           | 5.5        | SW         | —                 |
| 09   | 6     | 18.3            | 21.7       | 16.4       | 21.0             | 21.9 | 22.1 | 22.1 | 21.1 | 18.6         | 93.8   | 9.0         |         | 0.3           | 3.6        | ESE        | —                 |
| 09   | 7     | 20.0            | 24.9       | 16.6       | 20.8             | 21.3 | 21.6 | 22.0 | 21.1 | 18.7         | 94.1   | 0.0         |         | 0.3           | 3.3        | ESE        | —                 |
| 09   | 8     | 21.9            | 25.9       | 18.7       | 21.7             | 21.8 | 21.9 | 22.0 | 21.1 | 18.7         | 92.6   | 0.0         |         | 0.4           | 3.7        | ESE        | —                 |
| 09   | 9     | 21.8            | 24.0       | 20.6       | 22.1             | 22.3 | 22.3 | 22.0 | 21.0 | 18.7         | 96.3   | 0.5         |         | 0.2           | 3.5        | ESE        | —                 |
| 09   | 10    | 23.9            | 30.4       | 18.1       | 22.5             | 22.5 | 22.5 | 22.1 | 21.0 | 18.7         | 84.7   | 0.0         |         | 0.6           | 5.0        | S          | —                 |
| 09   | 11    | 20.5            | 23.3       | 18.5       | 21.7             | 22.3 | 22.5 | 22.2 | 21.0 | 18.7         | 96.4   | 41.0        |         | 0.3           | 3.7        | E          | —                 |
| 09   | 12    | 17.5            | 19.0       | 15.5       | 20.3             | 21.3 | 21.8 | 22.2 | 21.1 | 18.8         | 99.7   | 23.0        |         | 0.3           | 4.5        | E          | —                 |
| 09   | 13    | 15.2            | 16.2       | 14.3       | 18.8             | 20.1 | 20.8 | 22.0 | 21.1 | 18.8         | 99.8   | 23.0        |         | 0.1           | 3.3        | E          | —                 |
| 09   | 14    | 15.1            | 16.6       | 14.3       | 17.9             | 19.0 | 19.8 | 21.4 | 21.2 | 19.0         | 99.2   | 27.0        |         | 0.1           | 3.5        | E          | —                 |
| 09   | 15    | 15.2            | 17.6       | 13.7       | 17.9             | 18.9 | 19.5 | 21.0 | 21.2 | 19.1         | 96.5   | 2.0         |         | 0.1           | 2.4        | E          | —                 |
| 09   | 16    | 14.6            | 15.9       | 13.5       | 17.7             | 18.7 | 19.4 | 20.8 | 21.0 | 19.2         | 97.6   | 0.0         |         | 0.1           | 2.7        | ESE        | —                 |
| 09   | 17    | 16.0            | 18.6       | 14.1       | 17.8             | 18.6 | 19.2 | 20.6 | 20.9 | 19.2         | 95.8   | 1.5         |         | 0.1           | 3.1        | ESE        | —                 |
| 09   | 18    | 19.3            | 25.8       | 15.7       | 18.7             | 19.0 | 19.3 | 20.4 | 20.8 | 19.2         | 91.1   | 12.0        |         | 1.1           | 13.8       | NW         | —                 |
| 09   | 19    | 20.1            | 26.8       | 15.6       | 19.3             | 19.6 | 19.8 | 20.3 | 20.7 | 19.2         | 86.0   | 0.0         |         | 0.6           | 4.7        | WNW        | —                 |
| 09   | 20    | 19.2            | 26.5       | 13.6       | 19.0             | 19.6 | 19.9 | 20.4 | 20.5 | 19.2         | 80.3   | 0.0         |         | 0.7           | 5.2        | SSE        | —                 |
| 09   | 21    | 19.0            | 25.0       | 14.7       | 19.3             | 19.8 | 20.0 | 20.4 | 20.5 | 19.2         | 85.1   | 0.0         |         | 0.4           | 5.2        | SE         | —                 |
| 09   | 22    | 17.0            | 19.9       | 15.6       | 19.2             | 19.9 | 20.1 | 20.5 | 20.4 | 19.2         | 96.7   | 0.5         |         | 0.3           | 4.3        | E          | —                 |
| 09   | 23    | 15.0            | 20.5       | 12.8       | 18.1             | 19.2 | 19.7 | 20.5 | 20.3 | 19.2         | 89.7   | 1.5         |         | 0.3           | 3.7        | ESE        | —                 |
| 09   | 24    | 16.0            | 22.7       | 10.3       | 17.7             | 18.7 | 19.3 | 20.3 | 20.3 | 19.2         | 78.3   | 0.0         |         | 0.6           | 4.9        | S          | —                 |
| 09   | 25    | 15.8            | 22.2       | 11.8       | 17.8             | 18.7 | 19.2 | 20.2 | 20.2 | 19.1         | 80.9   | 0.0         |         | 0.5           | 5.2        | SE         | —                 |
| 09   | 26    | 13.0            | 14.2       | 12.2       | 16.5             | 18.0 | 18.7 | 20.1 | 20.2 | 19.1         | 95.6   | 26.0        |         | 0.0           | 2.6        | W          | —                 |
| 09   | 27    | 15.2            | 21.8       | 12.8       | 16.3             | 17.1 | 17.8 | 19.6 | 20.1 | 19.1         | 97.1   | 14.5        |         | 0.2           | 3.3        | W          | —                 |
| 09   | 28    | 17.0            | 25.1       | 11.7       | 16.9             | 17.5 | 18.0 | 19.3 | 20.0 | 19.1         | 84.7   | 0.0         |         | 0.6           | 4.5        | S          | —                 |
| 09   | 29    | 16.3            | 20.4       | 14.4       | 17.4             | 18.0 | 18.4 | 19.3 | 19.9 | 19.0         | 91.8   | 0.0         |         | 0.3           | 4.8        | ESE        | —                 |
| 09   | 30    | 17.2            | 22.8       | 13.6       | 17.7             | 18.2 | 18.5 | 19.3 | 19.8 | 19.0         | 86.2   | 0.0         |         | 0.4           | 4.0        | S          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 188.5       |         |               |            |            |                   |
| 平均   | Mean  | 18.0            | 22.7       | 14.8       | 19.3             | 20.0 | 20.4 | 21.1 | 20.7 | 18.9         | 90.4   | 6.3         |         | 0.4           | 4.4        |            |                   |
| 最大   | Max.  | 23.9            | 31.6       | 20.6       | 22.5             | 22.5 | 22.5 | 22.5 | 21.3 | 19.2         | 99.8   | 41.0        |         | 1.1           | 13.8       |            |                   |
| 最低   | Min.  | 13.0            | 14.2       | 10.3       | 16.3             | 17.1 | 17.8 | 19.3 | 19.8 | 18.4         | 75.6   | 0.0         |         | 0.0           | 2.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 10月

## 氣象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 15.2            | 17.8       | 13.0       | 17.1             | 18.0 | 18.5 | 19.3 | 19.7 | 19.0         | 94.8   | 9.5         |         | 0.2           | 3.6        | ESE        | —                 |
| 10   | 2     | 14.1            | 15.5       | 12.7       | 16.5             | 17.4 | 18.0 | 19.2 | 19.6 | 19.0         | 99.3   | 17.5        |         | 0.0           | 2.1        | ESE        | —                 |
| 10   | 3     | 16.5            | 19.3       | 14.3       | 17.0             | 17.5 | 17.9 | 19.0 | 19.5 | 18.9         | 96.6   | 0.5         |         | 0.0           | 2.2        | SSW        | —                 |
| 10   | 4     | 15.3            | 16.3       | 14.3       | 17.1             | 17.7 | 18.1 | 18.9 | 19.4 | 18.9         | 98.6   | 0.5         |         | 0.0           | 2.5        | ESE        | —                 |
| 10   | 5     | 14.3            | 15.3       | 12.9       | 16.5             | 17.4 | 17.9 | 18.9 | 19.3 | 18.9         | 99.9   | 39.5        |         | 0.1           | 3.7        | E          | —                 |
| 10   | 6     | 14.0            | 15.3       | 12.1       | 14.6             | 15.3 | 15.9 | 17.9 | 19.0 | 19.0         | 99.8   | 152.5       |         | 0.6           | 5.8        | E          | —                 |
| 10   | 7     | 14.3            | 21.1       | 9.7        | 14.5             | 15.1 | 15.6 | 17.1 | 18.7 | 19.1         | 80.8   | 0.5         |         | 0.9           | 10.3       | W          | —                 |
| 10   | 8     | 14.4            | 21.6       | 8.6        | 14.1             | 15.0 | 15.7 | 17.2 | 18.6 | 19.0         | 63.8   | 0.0         |         | 1.6           | 11.1       | W          | —                 |
| 10   | 9     | 13.9            | 23.1       | 7.2        | 14.0             | 14.9 | 15.6 | 17.1 | 18.5 | 19.0         | 73.7   | 0.0         |         | 0.9           | 4.6        | WSW        | —                 |
| 10   | 10    | 15.1            | 23.4       | 9.3        | 14.6             | 15.2 | 15.8 | 17.1 | 18.3 | 18.9         | 80.2   | 0.0         |         | 0.6           | 4.1        | SW         | —                 |
| 10   | 11    | 13.8            | 16.6       | 11.5       | 14.7             | 15.4 | 16.0 | 17.1 | 18.2 | 18.8         | 94.7   | 0.5         |         | 0.2           | 3.1        | W          | —                 |
| 10   | 12    | 15.5            | 23.8       | 9.9        | 15.1             | 15.6 | 16.1 | 17.1 | 18.1 | 18.8         | 82.5   | 0.0         |         | 0.5           | 4.4        | SSW        | —                 |
| 10   | 13    | 15.1            | 22.0       | 11.1       | 15.3             | 15.8 | 16.3 | 17.1 | 18.0 | 18.7         | 83.2   | 0.0         |         | 0.7           | 5.3        | SSE        | —                 |
| 10   | 14    | 11.4            | 12.6       | 10.6       | 14.5             | 15.6 | 16.1 | 17.1 | 18.0 | 18.6         | 98.0   | 1.5         |         | 0.2           | 2.8        | ESE        | —                 |
| 10   | 15    | 12.8            | 20.0       | 7.7        | 14.3             | 15.2 | 15.8 | 17.0 | 17.9 | 18.6         | 84.6   | 0.0         |         | 0.6           | 5.2        | SW         | —                 |
| 10   | 16    | 13.8            | 23.2       | 8.0        | 13.9             | 14.9 | 15.6 | 16.9 | 17.9 | 18.5         | 73.7   | 0.0         |         | 0.8           | 4.6        | SW         | —                 |
| 10   | 17    | 13.3            | 23.2       | 6.1        | 13.9             | 14.8 | 15.5 | 16.8 | 17.8 | 18.4         | 75.0   | 0.0         |         | 0.6           | 3.1        | SW         | —                 |
| 10   | 18    | 14.7            | 21.4       | 9.8        | 14.3             | 14.8 | 15.5 | 16.7 | 17.7 | 18.4         | 80.7   | 0.0         |         | 0.4           | 3.8        | SE         | —                 |
| 10   | 19    | 14.8            | 21.6       | 9.0        | 15.1             | 15.4 | 15.8 | 16.7 | 17.6 | 18.3         | 85.2   | 0.0         |         | 0.5           | 5.2        | SW         | —                 |
| 10   | 20    | 14.2            | 20.1       | 10.6       | 14.7             | 15.4 | 15.9 | 16.7 | 17.6 | 18.2         | 81.7   | 0.0         |         | 0.3           | 3.3        | WNW        | —                 |
| 10   | 21    | 13.6            | 17.7       | 10.4       | 14.5             | 15.2 | 15.8 | 16.7 | 17.5 | 18.2         | 85.9   | 0.0         |         | 0.5           | 4.8        | SE         | —                 |
| 10   | 22    | 12.8            | 16.5       | 10.6       | 14.7             | 15.3 | 15.8 | 16.7 | 17.5 | 18.1         | 93.0   | 2.0         |         | 0.4           | 4.6        | ESE        | —                 |
| 10   | 23    | 12.0            | 14.0       | 10.9       | 14.3             | 15.1 | 15.6 | 16.7 | 17.4 | 18.1         | 99.9   | 21.5        |         | 0.3           | 4.5        | E          | —                 |
| 10   | 24    | 10.8            | 11.9       | 10.0       | 13.0             | 14.0 | 14.7 | 16.4 | 17.3 | 18.0         | 99.3   | 31.0        |         | 0.3           | 3.0        | W          | —                 |
| 10   | 25    | 13.8            | 21.3       | 9.4        | 13.7             | 14.2 | 14.7 | 16.1 | 17.2 | 17.9         | 89.2   | 0.0         |         | 0.3           | 3.9        | S          | —                 |
| 10   | 26    | 13.5            | 20.5       | 8.4        | 13.9             | 14.5 | 15.0 | 16.1 | 17.1 | 17.9         | 84.3   | 0.0         |         | 0.6           | 3.8        | S          | —                 |
| 10   | 27    | 12.6            | 15.4       | 10.6       | 14.2             | 14.8 | 15.2 | 16.1 | 17.0 | 17.8         | 96.2   | 0.0         |         | 0.1           | 2.6        | ESE        | —                 |
| 10   | 28    | 12.6            | 18.9       | 7.7        | 14.0             | 14.6 | 15.1 | 16.1 | 17.0 | 17.8         | 88.0   | 0.0         |         | 0.5           | 5.2        | SSE        | —                 |
| 10   | 29    | 13.9            | 20.9       | 11.2       | 14.5             | 14.9 | 15.3 | 16.1 | 16.9 | 17.7         | 88.7   | 0.0         |         | 0.4           | 2.9        | SW         | —                 |
| 10   | 30    | 13.1            | 17.5       | 9.5        | 14.4             | 15.0 | 15.4 | 16.1 | 16.9 | 17.7         | 89.2   | 0.0         |         | 0.5           | 4.0        | ESE        | —                 |
| 10   | 31    | 12.1            | 19.7       | 6.0        | 13.7             | 14.5 | 15.2 | 16.1 | 16.8 | 17.6         | 84.8   | 0.0         |         | 0.6           | 4.3        | SW         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 277.0       |         |               |            |            |                   |
| 平均   | Mean  | 13.8            | 18.9       | 10.1       | 14.7             | 15.4 | 16.0 | 17.1 | 18.0 | 18.4         | 87.9   | 8.9         |         | 0.5           | 4.3        |            |                   |
| 最大   | Max.  | 16.5            | 23.8       | 14.3       | 17.1             | 18.0 | 18.5 | 19.3 | 19.7 | 19.1         | 99.9   | 152.5       |         | 1.6           | 11.1       |            |                   |
| 最低   | Min.  | 10.8            | 11.9       | 6.0        | 13.0             | 14.0 | 14.7 | 16.1 | 16.8 | 17.6         | 63.8   | 0.0         |         | 0.0           | 2.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 11月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 11.6            | 18.5       | 6.5        | 13.1             | 14.1 | 14.9 | 16.1 | 16.8 | 17.6         | 76.8   | 0.0         |         | 0.7           | 4.9        | SSW        | —                 |
| 11   | 2     | 9.4             | 12.6       | 7.2        | 12.5             | 13.7 | 14.5 | 15.9 | 16.8 | 17.5         | 93.7   | 6.5         |         | 0.3           | 4.2        | ESE        | —                 |
| 11   | 3     | 9.6             | 17.1       | 5.2        | 11.8             | 13.0 | 13.9 | 15.7 | 16.7 | 17.5         | 88.2   | 0.0         |         | 0.4           | 3.4        | SSW        | —                 |
| 11   | 4     | 10.0            | 15.9       | 5.9        | 12.0             | 12.9 | 13.7 | 15.5 | 16.6 | 17.4         | 91.2   | 0.0         |         | 0.6           | 5.4        | SSE        | —                 |
| 11   | 5     | 10.2            | 17.2       | 4.7        | 11.9             | 12.8 | 13.6 | 15.3 | 16.6 | 17.4         | 86.8   | 0.0         |         | 0.5           | 3.7        | S          | —                 |
| 11   | 6     | 10.0            | 15.0       | 5.4        | 11.6             | 12.6 | 13.5 | 15.1 | 16.5 | 17.4         | 92.1   | 0.0         |         | 0.7           | 6.1        | E          | —                 |
| 11   | 7     | 10.9            | 17.9       | 2.3        | 11.8             | 12.8 | 13.5 | 15.0 | 16.4 | 17.3         | 58.2   | 0.5         |         | 2.6           | 16.3       | W          | —                 |
| 11   | 8     | 7.2             | 16.7       | 0.7        | 9.5              | 11.3 | 12.6 | 14.8 | 16.3 | 17.3         | 62.9   | 0.0         |         | 0.6           | 3.5        | SW         | —                 |
| 11   | 9     | 10.2            | 20.2       | 3.0        | 9.7              | 10.9 | 12.1 | 14.5 | 16.2 | 17.2         | 56.0   | 0.0         |         | 0.9           | 4.7        | W          | —                 |
| 11   | 10    | 13.1            | 21.7       | 7.3        | 10.4             | 11.1 | 12.1 | 14.2 | 16.1 | 17.2         | 54.3   | 0.0         |         | 0.6           | 4.8        | NNW        | —                 |
| 11   | 11    | 9.8             | 11.5       | 7.1        | 11.0             | 11.7 | 12.4 | 14.1 | 15.9 | 17.1         | 94.6   | 6.0         |         | 0.2           | 4.0        | N          | —                 |
| 11   | 12    | 5.4             | 11.4       | -1.0       | 9.5              | 11.1 | 12.1 | 14.0 | 15.8 | 17.1         | 66.3   | 0.0         |         | 1.4           | 10.0       | W          | —                 |
| 11   | 13    | 6.0             | 15.1       | -0.9       | 8.1              | 9.7  | 11.1 | 13.8 | 15.7 | 17.0         | 66.2   | 0.0         |         | 0.8           | 4.7        | WSW        | —                 |
| 11   | 14    | 11.3            | 21.8       | 3.4        | 9.2              | 9.9  | 10.9 | 13.4 | 15.5 | 17.0         | 63.5   | 0.0         |         | 0.9           | 7.6        | WNW        | —                 |
| 11   | 15    | 9.0             | 16.3       | 2.6        | 9.9              | 10.6 | 11.4 | 13.2 | 15.4 | 16.9         | 70.0   | 0.0         |         | 0.8           | 6.1        | SW         | —                 |
| 11   | 16    | 6.2             | 14.5       | 1.4        | 8.3              | 9.8  | 10.9 | 13.1 | 15.2 | 16.9         | 72.0   | 0.0         |         | 0.7           | 5.4        | SE         | —                 |
| 11   | 17    | 3.7             | 7.6        | 0.7        | 7.4              | 9.1  | 10.4 | 12.9 | 15.1 | 16.8         | 85.6   | 0.0         |         | 0.3           | 3.2        | ESE        | —                 |
| 11   | 18    | 5.0             | 12.0       | 0.1        | 7.2              | 8.6  | 9.8  | 12.6 | 15.0 | 16.8         | 81.3   | 0.0         |         | 0.6           | 4.6        | SSE        | —                 |
| 11   | 19    | 4.9             | 5.7        | 4.4        | 7.8              | 8.9  | 9.9  | 12.4 | 14.8 | 16.7         | 95.3   | 10.5        |         | 0.0           | 1.5        | WSW        | —                 |
| 11   | 20    | 8.6             | 12.2       | 5.0        | 8.3              | 8.8  | 9.5  | 12.0 | 14.6 | 16.6         | 98.7   | 31.0        |         | 0.1           | 2.8        | WSW        | —                 |
| 11   | 21    | 7.9             | 13.1       | 4.3        | 8.7              | 9.4  | 10.0 | 11.8 | 14.4 | 16.6         | 89.2   | 0.0         |         | 0.4           | 3.7        | W          | —                 |
| 11   | 22    | 8.2             | 15.6       | 3.4        | 8.5              | 9.3  | 10.0 | 11.8 | 14.2 | 16.5         | 83.5   | 0.0         |         | 0.4           | 2.8        | WSW        | —                 |
| 11   | 23    | 6.8             | 12.5       | 4.5        | 8.6              | 9.4  | 10.1 | 11.8 | 14.0 | 16.4         | 83.9   | 0.0         |         | 0.3           | 4.0        | SE         | —                 |
| 11   | 24    | 5.4             | 13.1       | -0.4       | 8.4              | 9.4  | 10.1 | 11.7 | 13.9 | 16.3         | 78.3   | 0.0         |         | 0.4           | 4.2        | S          | —                 |
| 11   | 25    | 2.5             | 10.9       | -2.3       | 6.0              | 7.9  | 9.2  | 11.6 | 13.8 | 16.3         | 71.6   | 0.0         |         | 0.6           | 4.3        | SSE        | —                 |
| 11   | 26    | 3.9             | 8.8        | -1.5       | 5.8              | 7.2  | 8.5  | 11.3 | 13.7 | 16.2         | 83.8   | 2.5         |         | 0.2           | 3.3        | NW         | —                 |
| 11   | 27    | 10.1            | 13.6       | 5.4        | 8.3              | 8.3  | 8.8  | 11.0 | 13.5 | 16.1         | 98.5   | 12.5        |         | 0.1           | 2.4        | WSW        | —                 |
| 11   | 28    | 8.5             | 10.8       | 7.3        | 9.3              | 9.5  | 9.8  | 10.9 | 13.4 | 16.0         | 99.9   | 3.0         |         | 0.3           | 4.0        | ESE        | —                 |
| 11   | 29    | 8.0             | 13.8       | 4.1        | 9.3              | 9.6  | 10.0 | 11.1 | 13.2 | 15.9         | 89.9   | 0.0         |         | 0.4           | 4.8        | SSE        | —                 |
| 11   | 30    | 4.6             | 11.6       | 0.4        | 7.8              | 9.1  | 9.8  | 11.2 | 13.1 | 15.8         | 94.4   | 0.0         |         | 0.3           | 4.5        | SSE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 72.5        |         |               |            |            |                   |
| 平均   | Mean  | 7.9             | 14.2       | 3.2        | 9.4              | 10.4 | 11.3 | 13.2 | 15.2 | 16.8         | 80.9   | 2.4         |         | 0.6           | 4.8        |            |                   |
| 最大   | Max.  | 13.1            | 21.8       | 7.3        | 13.1             | 14.1 | 14.9 | 16.1 | 16.8 | 17.6         | 99.9   | 31.0        |         | 2.6           | 16.3       |            |                   |
| 最低   | Min.  | 2.5             | 5.7        | -2.3       | 5.8              | 7.2  | 8.5  | 10.9 | 13.1 | 15.8         | 54.3   | 0.0         |         | 0.0           | 1.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2006年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 3.5             | 11.7       | -0.9       | 6.5              | 8.0 | 9.0 | 11.1 | 13.0 | 15.8         | 80.8   | 0.0         |         | 0.6           | 4.0        | SW         | —                 |
| 12   | 2     | 5.8             | 13.7       | -0.1       | 6.3              | 7.5 | 8.5 | 10.8 | 13.0 | 15.7         | 59.5   | 0.0         |         | 1.3           | 8.8        | W          | —                 |
| 12   | 3     | 2.8             | 10.6       | -1.8       | 5.8              | 7.2 | 8.2 | 10.5 | 12.9 | 15.6         | 69.0   | 0.0         |         | 0.8           | 5.5        | SE         | —                 |
| 12   | 4     | 1.8             | 11.3       | -2.5       | 4.6              | 6.3 | 7.5 | 10.3 | 12.8 | 15.5         | 68.5   | 0.0         |         | 0.7           | 5.5        | E          | —                 |
| 12   | 5     | 0.9             | 9.0        | -3.2       | 3.6              | 5.5 | 6.8 | 9.9  | 12.6 | 15.4         | 68.5   | 0.0         |         | 0.7           | 5.2        | WNW        | —                 |
| 12   | 6     | 2.9             | 12.2       | -1.2       | 3.8              | 5.2 | 6.4 | 9.5  | 12.5 | 15.4         | 67.4   | 0.0         |         | 0.9           | 4.6        | W          | —                 |
| 12   | 7     | 3.6             | 9.6        | -2.0       | 4.0              | 5.2 | 6.3 | 9.2  | 12.3 | 15.3         | 75.7   | 0.0         |         | 0.4           | 3.4        | W          | —                 |
| 12   | 8     | 6.2             | 10.6       | 4.1        | 5.8              | 6.1 | 6.8 | 9.0  | 12.1 | 15.2         | 82.1   | 0.0         |         | 0.6           | 3.9        | ESE        | —                 |
| 12   | 9     | 3.0             | 4.4        | 1.9        | 6.0              | 6.7 | 7.3 | 9.1  | 11.9 | 15.1         | 100.0  | 4.0         |         | 0.3           | 2.8        | ESE        | —                 |
| 12   | 10    | 4.3             | 12.0       | -1.3       | 6.0              | 6.6 | 7.3 | 9.1  | 11.8 | 15.0         | 84.6   | 0.0         |         | 0.6           | 6.2        | W          | —                 |
| 12   | 11    | 2.3             | 11.6       | -2.2       | 4.5              | 5.8 | 6.8 | 9.0  | 11.7 | 15.0         | 76.0   | 0.0         |         | 0.5           | 5.1        | SSE        | —                 |
| 12   | 12    | 1.7             | 6.1        | -1.3       | 4.2              | 5.4 | 6.4 | 8.9  | 11.6 | 14.9         | 87.8   | 0.0         |         | 0.3           | 4.4        | S          | —                 |
| 12   | 13    | 4.8             | 13.7       | 0.1        | 4.6              | 5.4 | 6.2 | 8.6  | 11.5 | 14.8         | 87.0   | 0.0         |         | 0.5           | 3.7        | SW         | —                 |
| 12   | 14    | 5.2             | 8.7        | 2.7        | 5.4              | 6.0 | 6.6 | 8.5  | 11.3 | 14.7         | 91.6   | 1.5         |         | 0.2           | 3.7        | WNW        | —                 |
| 12   | 15    | 5.9             | 12.6       | 3.0        | 6.3              | 6.6 | 7.0 | 8.5  | 11.2 | 14.6         | 93.1   | 1.5         |         | 0.3           | 3.0        | SW         | —                 |
| 12   | 16    | 5.5             | 12.7       | 1.0        | 6.0              | 6.6 | 7.1 | 8.6  | 11.1 | 14.5         | 85.6   | 0.0         |         | 0.5           | 4.0        | WSW        | —                 |
| 12   | 17    | 5.0             | 10.4       | 0.5        | 6.0              | 6.7 | 7.3 | 8.7  | 11.0 | 14.4         | 79.3   | 0.0         |         | 0.5           | 5.4        | WNW        | —                 |
| 12   | 18    | 1.4             | 8.7        | -3.0       | 4.2              | 5.7 | 6.7 | 8.6  | 10.9 | 14.4         | 67.6   | 0.0         |         | 0.8           | 8.5        | WSW        | —                 |
| 12   | 19    | 0.4             | 8.1        | -3.8       | 2.8              | 4.6 | 5.8 | 8.4  | 10.9 | 14.3         | 74.0   | 0.0         |         | 0.6           | 3.5        | SW         | —                 |
| 12   | 20    | 2.2             | 10.8       | -2.1       | 2.9              | 4.2 | 5.3 | 8.1  | 10.8 | 14.2         | 71.1   | 0.0         |         | 0.6           | 4.0        | SW         | —                 |
| 12   | 21    | 2.4             | 9.3        | -2.0       | 3.0              | 4.1 | 5.1 | 7.8  | 10.7 | 14.1         | 82.1   | 0.0         |         | 0.3           | 2.8        | WSW        | —                 |
| 12   | 22    | 3.2             | 6.6        | -0.3       | 3.7              | 4.5 | 5.3 | 7.6  | 10.6 | 14.0         | 82.2   | 0.0         |         | 0.4           | 3.9        | WNW        | —                 |
| 12   | 23    | 2.6             | 11.4       | -1.9       | 3.2              | 4.3 | 5.2 | 7.5  | 10.4 | 13.9         | 64.0   | 0.0         |         | 0.7           | 3.9        | WSW        | —                 |
| 12   | 24    | 2.0             | 10.2       | -2.0       | 2.9              | 4.0 | 5.0 | 7.4  | 10.3 | 13.9         | 71.7   | 0.0         |         | 0.8           | 4.6        | S          | —                 |
| 12   | 25    | 1.1             | 9.6        | -2.6       | 2.5              | 3.8 | 4.7 | 7.2  | 10.2 | 13.8         | 80.5   | 0.0         |         | 0.5           | 4.9        | S          | —                 |
| 12   | 26    | 2.8             | 6.0        | -0.9       | 3.1              | 3.7 | 4.5 | 6.9  | 10.0 | 13.7         | 99.2   | 82.5        |         | 0.2           | 3.3        | W          | —                 |
| 12   | 27    | 8.4             | 14.9       | 5.0        | 5.0              | 4.8 | 4.9 | 6.0  | 9.2  | 13.5         | 68.4   | 14.5        |         | 1.7           | 10.3       | WNW        | —                 |
| 12   | 28    | 4.6             | 12.6       | -0.7       | 3.8              | 4.6 | 5.1 | 6.3  | 9.0  | 13.2         | 52.2   | 0.0         |         | 1.4           | 10.1       | WNW        | —                 |
| 12   | 29    | -0.5            | 3.8        | -3.8       | 2.5              | 3.7 | 4.6 | 6.4  | 8.9  | 13.1         | 44.1   | 0.0         |         | 2.6           | 12.3       | W          | —                 |
| 12   | 30    | 0.6             | 7.7        | -4.4       | 1.8              | 3.0 | 4.0 | 6.2  | 8.9  | 13.0         | 44.6   | 0.0         |         | 1.4           | 10.3       | W          | —                 |
| 12   | 31    | -0.3            | 8.5        | -5.1       | 1.1              | 2.5 | 3.5 | 6.0  | 8.8  | 13.0         | 59.9   | 0.0         |         | 0.6           | 4.9        | SSW        | —                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 104.0       |         |               |            |            |                   |
| 平均   | Mean  | 3.1             | 10.0       | -1.0       | 4.3              | 5.3 | 6.2 | 8.4  | 11.1 | 14.5         | 74.8   | 3.4         |         | 0.7           | 5.4        |            |                   |
| 最大   | Max.  | 8.4             | 14.9       | 5.0        | 6.5              | 8.0 | 9.0 | 11.1 | 13.0 | 15.8         | 100.0  | 82.5        |         | 2.6           | 12.3       |            |                   |
| 最低   | Min.  | -0.5            | 3.8        | -5.1       | 1.1              | 2.5 | 3.5 | 6.0  | 8.8  | 13.0         | 44.1   | 0.0         |         | 0.2           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2007年 01月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 01   | 1     | 0.2             | 8.0  | -4.5 | 0.7              | 2.1 | 3.1 | 5.8 | 8.7 | 12.9      | 56.8   | 0.0      |         | 0.6           | 5.5  | S    | —              |
| 01   | 2     | 2.8             | 7.6  | -1.3 | 1.3              | 2.1 | 3.0 | 5.5 | 8.6 | 12.8      | 68.5   | 0.0      |         | 0.3           | 2.8  | NW   | —              |
| 01   | 3     | 2.8             | 5.6  | 1.0  | 2.5              | 2.9 | 3.4 | 5.4 | 8.5 | 12.7      | 80.9   | 0.0      |         | 0.2           | 3.0  | SE   | —              |
| 01   | 4     | 1.3             | 8.5  | -2.8 | 2.4              | 3.2 | 3.7 | 5.5 | 8.4 | 12.6      | 74.1   | 0.0      |         | 0.4           | 4.2  | S    | —              |
| 01   | 5     | 0.4             | 8.7  | -4.1 | 1.4              | 2.5 | 3.4 | 5.5 | 8.3 | 12.5      | 66.3   | 0.0      |         | 0.8           | 4.6  | SW   | —              |
| 01   | 6     | -0.3            | 0.9  | -1.9 | 1.4              | 2.4 | 3.2 | 5.4 | 8.2 | 12.5      | 97.7   | 18.5     |         | 0.3           | 4.0  | WNW  | —              |
| 01   | 7     | 1.3             | 4.5  | -0.9 | 1.9              | 2.6 | 3.3 | 5.3 | 8.1 | 12.4      | 58.0   | 0.0      |         | 3.5           | 18.5 | W    | —              |
| 01   | 8     | 1.0             | 8.0  | -3.4 | 1.4              | 2.4 | 3.1 | 5.2 | 8.1 | 12.3      | 59.6   | 0.0      |         | 1.3           | 7.6  | WNW  | —              |
| 01   | 9     | -1.1            | 7.3  | -5.8 | 1.1              | 2.1 | 2.9 | 5.1 | 8.0 | 12.2      | 64.6   | 0.0      |         | 0.7           | 4.1  | SW   | 9(注)           |
| 01   | 10    | 0.4             | 9.6  | -4.7 | 1.0              | 1.8 | 2.6 | 4.9 | 7.9 | 12.1      | 67.9   | 0.0      |         | 0.7           | 4.2  | SSW  | —              |
| 01   | 11    | 0.4             | 8.7  | -3.8 | 1.0              | 1.8 | 2.6 | 4.8 | 7.8 | 12.1      | 67.9   | 0.0      |         | 1.0           | 4.8  | WSW  | —              |
| 01   | 12    | -0.9            | 6.6  | -5.0 | 0.7              | 1.7 | 2.5 | 4.7 | 7.7 | 12.0      | 78.0   | 0.0      |         | 0.7           | 5.1  | S    | —              |
| 01   | 13    | 0.1             | 9.2  | -4.2 | 0.6              | 1.5 | 2.3 | 4.6 | 7.6 | 11.9      | 67.5   | 0.0      |         | 0.8           | 5.1  | SSW  | —              |
| 01   | 14    | -1.3            | 8.1  | -6.5 | 0.5              | 1.4 | 2.2 | 4.5 | 7.5 | 11.8      | 60.7   | 0.0      |         | 0.9           | 4.1  | WSW  | —              |
| 01   | 15    | -0.4            | 9.3  | -6.2 | 0.3              | 1.2 | 2.0 | 4.3 | 7.4 | 11.8      | 58.9   | 0.0      |         | 0.9           | 4.0  | WSW  | —              |
| 01   | 16    | 1.6             | 9.8  | -3.6 | 0.4              | 1.2 | 2.0 | 4.2 | 7.3 | 11.7      | 63.1   | 0.0      |         | 0.7           | 3.7  | SW   | —              |
| 01   | 17    | 0.7             | 1.8  | -0.8 | 0.7              | 1.4 | 2.1 | 4.1 | 7.2 | 11.6      | 93.7   | 3.5      |         | 0.1           | 3.1  | WNW  | 0              |
| 01   | 18    | 2.4             | 10.0 | -1.0 | 2.4              | 2.2 | 2.5 | 4.1 | 7.1 | 11.5      | 91.6   | 0.0      |         | 0.3           | 4.0  | S    | 2              |
| 01   | 19    | 0.8             | 8.2  | -3.5 | 2.1              | 2.6 | 2.9 | 4.2 | 7.0 | 11.4      | 70.6   | 0.0      |         | 0.8           | 5.0  | SSW  | —              |
| 01   | 20    | -0.9            | 5.4  | -4.6 | 0.9              | 1.9 | 2.6 | 4.3 | 6.9 | 11.3      | 77.4   | 0.0      |         | 0.4           | 4.9  | SSE  | —              |
| 01   | 21    | 0.6             | 7.1  | -3.1 | 1.1              | 1.8 | 2.4 | 4.2 | 6.9 | 11.3      | 78.3   | 0.0      |         | 0.4           | 4.1  | SSE  | —              |
| 01   | 22    | 2.0             | 10.3 | -1.9 | 2.5              | 2.5 | 2.8 | 4.2 | 6.8 | 11.2      | 82.2   | 1.0      |         | 0.4           | 3.4  | S    | 2              |
| 01   | 23    | 0.7             | 9.9  | -4.3 | 1.6              | 2.4 | 2.9 | 4.3 | 6.7 | 11.1      | 61.9   | 0.0      |         | 0.6           | 4.8  | SSE  | —              |
| 01   | 24    | 0.5             | 9.0  | -3.9 | 1.1              | 2.0 | 2.6 | 4.3 | 6.7 | 11.0      | 65.3   | 0.0      |         | 0.6           | 4.2  | WSW  | —              |
| 01   | 25    | 0.7             | 10.1 | -4.7 | 1.1              | 1.8 | 2.5 | 4.2 | 6.7 | 10.9      | 58.8   | 0.0      |         | 0.9           | 7.0  | WSW  | —              |
| 01   | 26    | 1.6             | 10.1 | -4.0 | 1.2              | 1.8 | 2.4 | 4.2 | 6.6 | 10.9      | 64.8   | 0.0      |         | 0.8           | 4.6  | SW   | —              |
| 01   | 27    | 2.9             | 11.6 | -1.3 | 2.5              | 2.5 | 2.8 | 4.1 | 6.6 | 10.8      | 71.0   | 0.0      |         | 1.0           | 8.9  | W    | —              |
| 01   | 28    | 1.5             | 7.9  | -3.0 | 1.9              | 2.4 | 2.9 | 4.2 | 6.5 | 10.7      | 69.1   | 0.0      |         | 0.6           | 4.1  | S    | —              |
| 01   | 29    | 2.3             | 9.9  | -1.9 | 2.7              | 2.8 | 3.1 | 4.3 | 6.5 | 10.6      | 73.3   | 0.0      |         | 0.6           | 4.3  | S    | —              |
| 01   | 30    | 2.2             | 11.2 | -3.0 | 2.3              | 2.8 | 3.2 | 4.4 | 6.5 | 10.6      | 61.2   | 0.0      |         | 1.0           | 4.7  | WSW  | —              |
| 01   | 31    | 3.8             | 13.6 | -1.9 | 2.9              | 3.0 | 3.3 | 4.4 | 6.5 | 10.5      | 63.5   | 0.0      |         | 0.9           | 4.2  | SSW  | —              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 23.0     |         |               |      |      |                |
| 平均   | Mean  | 1.0             | 8.3  | -3.2 | 1.5              | 2.2 | 2.8 | 4.7 | 7.4 | 11.7      | 70.1   | 0.7      |         | 0.7           | 5.0  |      | 3.3            |
| 最大   | Max.  | 3.8             | 13.6 | 1.0  | 2.9              | 3.2 | 3.7 | 5.8 | 8.7 | 12.9      | 97.7   | 18.5     |         | 3.5           | 18.5 |      | 9.0            |
| 最低   | Min.  | -1.3            | 0.9  | -6.5 | 0.3              | 1.2 | 2.0 | 4.1 | 6.5 | 10.5      | 56.8   | 0.0      |         | 0.1           | 2.8  |      | 0.0            |

代替機器観測日 (The date of observation by alternative hardwares)

(注)9日の降雪深は6日の降雪によるもの

2007年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | 1.2             | 8.7        | -3.5       | 2.0              | 2.8 | 3.3 | 4.5 | 6.5 | 10.5         | 48.1   | 0.0         |         | 1.7           | 12.2       | WNW        | —                 |
| 02   | 2     | -0.5            | 6.3        | -5.6       | 1.3              | 2.2 | 2.9 | 4.5 | 6.5 | 10.4         | 34.6   | 0.0         |         | 1.9           | 10.0       | W          | —                 |
| 02   | 3     | -0.2            | 9.1        | -6.8       | 0.7              | 1.7 | 2.5 | 4.4 | 6.5 | 10.4         | 43.5   | 0.0         |         | 1.2           | 6.5        | W          | —                 |
| 02   | 4     | 4.9             | 12.8       | -2.2       | 2.0              | 2.1 | 2.6 | 4.2 | 6.5 | 10.3         | 33.9   | 0.0         |         | 1.9           | 10.4       | W          | —                 |
| 02   | 5     | 3.2             | 13.2       | -3.2       | 1.8              | 2.3 | 2.8 | 4.2 | 6.4 | 10.2         | 42.2   | 0.0         |         | 0.8           | 5.3        | SW         | —                 |
| 02   | 6     | 6.2             | 17.5       | -0.1       | 3.1              | 2.9 | 3.1 | 4.2 | 6.4 | 10.2         | 51.5   | 0.0         |         | 0.8           | 4.0        | WSW        | —                 |
| 02   | 7     | 3.3             | 12.6       | -2.3       | 3.2              | 3.4 | 3.6 | 4.4 | 6.3 | 10.1         | 62.1   | 0.0         |         | 1.0           | 5.8        | SW         | —                 |
| 02   | 8     | 3.3             | 12.5       | -3.5       | 2.7              | 3.1 | 3.5 | 4.5 | 6.3 | 10.1         | 58.3   | 0.0         |         | 0.9           | 4.9        | SW         | —                 |
| 02   | 9     | 5.6             | 14.2       | -0.3       | 4.0              | 3.7 | 3.8 | 4.5 | 6.3 | 10.0         | 72.8   | 1.0         |         | 0.8           | 6.6        | S          | —                 |
| 02   | 10    | 4.7             | 12.6       | 0.6        | 4.9              | 4.6 | 4.5 | 4.7 | 6.3 | 10.0         | 88.5   | 0.0         |         | 0.5           | 4.4        | S          | —                 |
| 02   | 11    | 2.6             | 9.2        | -3.3       | 4.1              | 4.5 | 4.7 | 5.0 | 6.3 | 9.9          | 56.4   | 0.0         |         | 1.6           | 13.5       | WSW        | —                 |
| 02   | 12    | 2.2             | 12.1       | -4.6       | 3.0              | 3.6 | 4.1 | 5.1 | 6.4 | 9.9          | 53.4   | 0.0         |         | 0.9           | 4.8        | SW         | —                 |
| 02   | 13    | 3.1             | 11.2       | -3.0       | 3.2              | 3.6 | 4.0 | 5.1 | 6.4 | 9.9          | 63.9   | 0.0         |         | 0.9           | 5.0        | SSW        | —                 |
| 02   | 14    | 3.3             | 11.1       | 0.8        | 3.6              | 3.9 | 4.2 | 5.1 | 6.5 | 9.8          | 97.0   | 15.5        |         | 1.5           | 19.5       | E          | —                 |
| 02   | 15    | 3.6             | 8.5        | -0.4       | 4.2              | 4.3 | 4.5 | 5.1 | 6.5 | 9.8          | 48.2   | 0.0         |         | 2.6           | 12.4       | WNW        | —                 |
| 02   | 16    | 2.6             | 12.3       | -3.3       | 3.7              | 4.0 | 4.4 | 5.2 | 6.5 | 9.7          | 43.7   | 0.0         |         | 1.4           | 10.0       | SSE        | —                 |
| 02   | 17    | 0.9             | 8.8        | -4.8       | 2.9              | 3.5 | 4.1 | 5.2 | 6.5 | 9.7          | 72.7   | 0.0         |         | 0.6           | 5.6        | SSE        | —                 |
| 02   | 18    | 1.9             | 9.7        | -1.6       | 3.4              | 3.8 | 4.1 | 5.1 | 6.6 | 9.7          | 95.7   | 5.0         |         | 0.2           | 3.2        | W          | —                 |
| 02   | 19    | 3.1             | 12.0       | -1.8       | 3.9              | 3.9 | 4.2 | 5.1 | 6.6 | 9.7          | 71.6   | 0.0         |         | 0.8           | 5.0        | SSE        | —                 |
| 02   | 20    | 1.1             | 5.7        | -2.2       | 2.9              | 3.7 | 4.2 | 5.2 | 6.6 | 9.7          | 86.7   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 02   | 21    | 4.1             | 14.0       | -1.9       | 4.3              | 4.1 | 4.3 | 5.1 | 6.6 | 9.6          | 65.4   | 0.0         |         | 0.9           | 8.5        | SSW        | —                 |
| 02   | 22    | 4.2             | 10.3       | -2.3       | 3.4              | 3.9 | 4.3 | 5.2 | 6.6 | 9.6          | 58.4   | 0.0         |         | 1.3           | 10.8       | W          | —                 |
| 02   | 23    | 5.2             | 8.6        | 2.7        | 4.5              | 4.4 | 4.6 | 5.3 | 6.6 | 9.6          | 82.0   | 0.0         |         | 0.5           | 6.6        | N          | —                 |
| 02   | 24    | 1.7             | 9.1        | -4.2       | 4.1              | 4.4 | 4.7 | 5.4 | 6.6 | 9.6          | 47.5   | 0.0         |         | 1.2           | 6.5        | SE         | —                 |
| 02   | 25    | -1.2            | 6.1        | -6.6       | 2.7              | 3.6 | 4.2 | 5.4 | 6.6 | 9.6          | 56.2   | 0.0         |         | 0.7           | 5.4        | SE         | —                 |
| 02   | 26    | 0.7             | 10.1       | -6.0       | 3.0              | 3.4 | 3.9 | 5.3 | 6.6 | 9.5          | 58.2   | 0.0         |         | 0.8           | 4.3        | S          | —                 |
| 02   | 27    | 3.7             | 13.5       | -3.3       | 3.6              | 3.7 | 4.0 | 5.2 | 6.7 | 9.5          | 60.9   | 0.0         |         | 0.7           | 5.3        | S          | —                 |
| 02   | 28    | 4.1             | 11.0       | -1.6       | 4.5              | 4.5 | 4.6 | 5.2 | 6.6 | 9.5          | 52.3   | 0.0         |         | 1.2           | 10.6       | W          | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 21.5        |         |               |            |            |                   |
| 平均   | Mean  | 2.8             | 10.8       | -2.7       | 3.2              | 3.6 | 3.9 | 4.9 | 6.5 | 9.9          | 60.9   | 0.8         |         | 1.0           | 7.6        |            |                   |
| 最大   | Max.  | 6.2             | 17.5       | 2.7        | 4.9              | 4.6 | 4.7 | 5.4 | 6.7 | 10.5         | 97.0   | 15.5        |         | 2.6           | 19.5       |            |                   |
| 最低   | Min.  | -1.2            | 5.7        | -6.8       | 0.7              | 1.7 | 2.5 | 4.2 | 6.3 | 9.5          | 33.9   | 0.0         |         | 0.2           | 3.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 4.4             | 15.8       | -2.9       | 4.2              | 4.3 | 4.6 | 5.3 | 6.6 | 9.5          | 43.0   | 0.0         |         | 1.0           | 5.2        | WSW        | —                 |
| 03   | 2     | 4.5             | 14.8       | -2.1       | 4.0              | 4.3 | 4.6 | 5.4 | 6.6 | 9.5          | 50.0   | 0.0         |         | 0.7           | 5.6        | S          | —                 |
| 03   | 3     | 6.5             | 16.6       | -0.6       | 5.2              | 4.8 | 4.9 | 5.4 | 6.6 | 9.4          | 62.5   | 0.0         |         | 0.8           | 5.7        | SSE        | —                 |
| 03   | 4     | 8.6             | 17.7       | 2.2        | 6.1              | 5.6 | 5.5 | 5.6 | 6.6 | 9.4          | 72.7   | 0.0         |         | 0.6           | 4.6        | S          | —                 |
| 03   | 5     | 10.6            | 15.3       | 6.0        | 6.9              | 6.3 | 6.1 | 5.8 | 6.6 | 9.4          | 81.6   | 5.0         |         | 2.9           | 19.3       | WNW        | —                 |
| 03   | 6     | 6.6             | 14.2       | -2.1       | 7.1              | 6.9 | 6.7 | 6.2 | 6.7 | 9.4          | 66.5   | 0.0         |         | 0.9           | 8.9        | WSW        | —                 |
| 03   | 7     | 1.5             | 9.9        | -4.9       | 4.8              | 5.6 | 6.0 | 6.4 | 6.8 | 9.4          | 45.6   | 0.0         |         | 0.9           | 6.3        | SE         | —                 |
| 03   | 8     | 1.9             | 9.0        | -3.5       | 4.2              | 4.9 | 5.4 | 6.3 | 6.9 | 9.4          | 41.0   | 0.0         |         | 1.2           | 7.6        | WSW        | —                 |
| 03   | 9     | 2.3             | 10.4       | -4.2       | 4.1              | 4.6 | 5.1 | 6.2 | 7.0 | 9.3          | 60.3   | 0.0         |         | 0.9           | 6.7        | SE         | —                 |
| 03   | 10    | 4.6             | 11.2       | -1.4       | 5.7              | 5.4 | 5.5 | 6.1 | 7.0 | 9.3          | 70.6   | 0.0         |         | 1.4           | 11.8       | SSE        | —                 |
| 03   | 11    | 3.7             | 11.4       | -1.4       | 5.8              | 5.9 | 6.0 | 6.2 | 7.0 | 9.3          | 63.0   | 4.0         |         | 1.8           | 12.3       | W          | —                 |
| 03   | 12    | 1.9             | 8.2        | -2.7       | 4.5              | 5.2 | 5.6 | 6.3 | 7.0 | 9.3          | 34.7   | 0.0         |         | 2.1           | 14.9       | W          | —                 |
| 03   | 13    | 2.6             | 12.7       | -3.4       | 4.8              | 5.0 | 5.4 | 6.2 | 7.1 | 9.3          | 44.7   | 0.0         |         | 1.4           | 9.5        | SSE        | —                 |
| 03   | 14    | 1.5             | 11.0       | -5.5       | 4.2              | 4.8 | 5.2 | 6.2 | 7.1 | 9.3          | 41.6   | 0.0         |         | 1.5           | 10.6       | W          | —                 |
| 03   | 15    | 1.7             | 8.3        | -3.7       | 3.3              | 4.2 | 4.8 | 6.1 | 7.1 | 9.3          | 39.6   | 0.0         |         | 0.8           | 4.8        | E          | —                 |
| 03   | 16    | 2.6             | 10.8       | -2.3       | 4.3              | 4.5 | 4.8 | 6.0 | 7.1 | 9.3          | 51.2   | 0.0         |         | 0.9           | 6.5        | ESE        | —                 |
| 03   | 17    | 1.8             | 10.7       | -2.7       | 5.1              | 5.1 | 5.2 | 6.0 | 7.1 | 9.3          | 51.8   | 0.0         |         | 1.2           | 8.0        | SE         | —                 |
| 03   | 18    | 0.8             | 9.4        | -5.5       | 4.3              | 4.8 | 5.2 | 6.0 | 7.1 | 9.3          | 41.0   | 0.0         |         | 1.2           | 7.9        | SW         | —                 |
| 03   | 19    | 1.2             | 9.8        | -5.1       | 3.9              | 4.5 | 4.9 | 6.0 | 7.1 | 9.3          | 45.2   | 0.0         |         | 1.1           | 10.0       | SSW        | —                 |
| 03   | 20    | 2.1             | 10.9       | -3.9       | 4.3              | 4.6 | 4.9 | 6.0 | 7.1 | 9.3          | 46.8   | 0.0         |         | 1.2           | 10.6       | SSW        | —                 |
| 03   | 21    | 2.7             | 11.0       | -3.7       | 4.8              | 4.9 | 5.2 | 5.9 | 7.1 | 9.3          | 58.0   | 0.0         |         | 0.8           | 5.5        | SSE        | —                 |
| 03   | 22    | 4.3             | 13.3       | -2.6       | 5.0              | 5.0 | 5.2 | 6.0 | 7.1 | 9.3          | 67.9   | 0.0         |         | 0.8           | 5.4        | SE         | —                 |
| 03   | 23    | 7.0             | 17.4       | -1.4       | 6.1              | 5.7 | 5.7 | 6.1 | 7.1 | 9.3          | 50.4   | 0.0         |         | 1.0           | 7.0        | SE         | —                 |
| 03   | 24    | 6.4             | 13.3       | -0.6       | 5.9              | 6.0 | 6.0 | 6.3 | 7.1 | 9.3          | 66.4   | 0.0         |         | 1.2           | 11.9       | SSE        | —                 |
| 03   | 25    | 9.3             | 14.7       | 4.7        | 7.5              | 6.9 | 6.7 | 6.4 | 7.1 | 9.3          | 94.8   | 18.0        |         | 0.4           | 10.9       | ENE        | —                 |
| 03   | 26    | 8.2             | 18.0       | 0.7        | 7.8              | 7.4 | 7.2 | 6.7 | 7.1 | 9.3          | 62.1   | 0.0         |         | 0.7           | 7.6        | SE         | —                 |
| 03   | 27    | 8.0             | 13.4       | 3.1        | 6.6              | 7.0 | 7.2 | 7.0 | 7.2 | 9.3          | 57.7   | 0.0         |         | 0.5           | 8.3        | WSW        | —                 |
| 03   | 28    | 9.9             | 20.3       | 2.3        | 8.2              | 7.5 | 7.3 | 7.1 | 7.3 | 9.3          | 58.1   | 0.0         |         | 1.0           | 10.1       | S          | —                 |
| 03   | 29    | 11.8            | 20.8       | 2.5        | 8.9              | 8.3 | 8.0 | 7.3 | 7.4 | 9.3          | 50.6   | 0.0         |         | 1.7           | 12.1       | W          | —                 |
| 03   | 30    | 8.9             | 19.3       | 1.6        | 9.3              | 8.8 | 8.5 | 7.6 | 7.4 | 9.3          | 74.7   | 21.5        |         | 1.1           | 8.2        | SE         | —                 |
| 03   | 31    | 6.0             | 14.3       | 0.2        | 7.5              | 8.0 | 8.2 | 7.9 | 7.6 | 9.3          | 80.0   | 6.5         |         | 1.6           | 16.6       | SSE        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 55.0        |         |               |            |            |                   |
| 平均   | Mean  | 5.0             | 13.3       | -1.4       | 5.6              | 5.7 | 5.9 | 6.3 | 7.0 | 9.3          | 57.2   | 1.8         |         | 1.1           | 9.0        |            |                   |
| 最大   | Max.  | 11.8            | 20.8       | 6.0        | 9.3              | 8.8 | 8.5 | 7.9 | 7.6 | 9.5          | 94.8   | 21.5        |         | 2.9           | 19.3       |            |                   |
| 最低   | Min.  | 0.8             | 8.2        | -5.5       | 3.3              | 4.2 | 4.6 | 5.3 | 6.6 | 9.3          | 34.7   | 0.0         |         | 0.4           | 4.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 04月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 14.5            | 19.9       | 9.7        | 10.3             | 9.1  | 8.7  | 8.0 | 7.6 | 9.3          | 67.7   | 0.0         |         | 1.7           | 12.7       | SW         | —                 |
| 04   | 2     | 8.0             | 9.8        | 6.6        | 9.4              | 9.5  | 9.3  | 8.3 | 7.8 | 9.3          | 98.2   | 1.5         |         | 0.2           | 3.6        | E          | —                 |
| 04   | 3     | 3.3             | 6.8        | 0.2        | 7.8              | 8.5  | 8.8  | 8.6 | 7.9 | 9.3          | 97.7   | 15.5        |         | 0.4           | 4.3        | E          | —                 |
| 04   | 4     | 1.3             | 6.2        | -1.1       | 6.4              | 7.4  | 7.9  | 8.5 | 8.0 | 9.3          | 96.1   | 3.0         |         | 0.3           | 4.0        | ESE        | 0                 |
| 04   | 5     | 3.1             | 12.5       | -3.7       | 6.6              | 6.9  | 7.4  | 8.3 | 8.1 | 9.3          | 67.1   | 0.0         |         | 0.6           | 5.5        | SSE        | —                 |
| 04   | 6     | 4.7             | 12.9       | -1.5       | 7.5              | 7.4  | 7.5  | 8.1 | 8.2 | 9.3          | 74.8   | 0.0         |         | 0.7           | 5.8        | SSE        | —                 |
| 04   | 7     | 6.6             | 15.2       | 0.2        | 8.0              | 7.9  | 8.0  | 8.1 | 8.2 | 9.3          | 82.1   | 5.0         |         | 0.5           | 6.8        | SE         | —                 |
| 04   | 8     | 8.0             | 15.6       | 1.5        | 9.2              | 8.6  | 8.5  | 8.2 | 8.2 | 9.3          | 82.5   | 0.0         |         | 0.6           | 4.9        | SE         | —                 |
| 04   | 9     | 6.4             | 10.8       | 2.2        | 9.0              | 9.0  | 8.9  | 8.5 | 8.3 | 9.3          | 92.6   | 2.5         |         | 0.4           | 4.4        | ESE        | —                 |
| 04   | 10    | 7.5             | 16.7       | -0.7       | 8.9              | 8.7  | 8.7  | 8.6 | 8.3 | 9.3          | 77.2   | 0.0         |         | 0.7           | 5.2        | SSE        | —                 |
| 04   | 11    | 5.9             | 13.2       | 2.4        | 8.2              | 8.6  | 8.8  | 8.7 | 8.4 | 9.4          | 84.3   | 7.0         |         | 0.6           | 4.5        | SE         | —                 |
| 04   | 12    | 8.2             | 14.7       | 3.2        | 9.7              | 9.0  | 8.9  | 8.8 | 8.5 | 9.4          | 81.9   | 0.0         |         | 0.6           | 4.7        | SE         | —                 |
| 04   | 13    | 11.0            | 17.8       | 3.2        | 9.9              | 9.6  | 9.5  | 8.9 | 8.5 | 9.4          | 67.8   | 0.0         |         | 2.1           | 13.9       | W          | —                 |
| 04   | 14    | 12.2            | 20.4       | 5.4        | 11.1             | 10.4 | 10.1 | 9.2 | 8.6 | 9.4          | 57.6   | 8.5         |         | 1.8           | 14.2       | W          | —                 |
| 04   | 15    | 10.2            | 18.8       | 3.8        | 10.3             | 10.2 | 10.1 | 9.4 | 8.7 | 9.4          | 57.4   | 0.0         |         | 0.9           | 5.5        | SE         | —                 |
| 04   | 16    | 5.3             | 6.7        | 3.4        | 9.1              | 9.8  | 10.0 | 9.6 | 8.8 | 9.5          | 98.2   | 9.0         |         | 0.4           | 3.6        | ESE        | —                 |
| 04   | 17    | 3.9             | 6.3        | 2.1        | 8.0              | 8.8  | 9.2  | 9.6 | 8.9 | 9.5          | 98.2   | 17.0        |         | 0.3           | 4.6        | SSE        | —                 |
| 04   | 18    | 2.3             | 4.1        | 0.1        | 7.0              | 8.0  | 8.6  | 9.4 | 9.0 | 9.5          | 99.5   | 15.0        |         | 0.2           | 3.9        | ESE        | —                 |
| 04   | 19    | 3.2             | 9.0        | 0.1        | 6.0              | 7.1  | 7.7  | 9.1 | 9.1 | 9.6          | 95.3   | 10.0        |         | 0.1           | 3.2        | WSW        | 5                 |
| 04   | 20    | 8.7             | 16.7       | 2.6        | 8.6              | 7.8  | 7.8  | 8.7 | 9.1 | 9.5          | 83.3   | 0.0         |         | 0.8           | 5.7        | ESE        | —                 |
| 04   | 21    | 13.3            | 22.0       | 6.4        | 10.4             | 9.5  | 9.1  | 8.8 | 9.0 | 9.6          | 72.2   | 0.0         |         | 0.7           | 5.3        | WNW        | —                 |
| 04   | 22    | 15.9            | 22.1       | 10.6       | 11.4             | 10.5 | 10.0 | 9.1 | 9.0 | 9.6          | 67.1   | 0.0         |         | 0.8           | 7.4        | WNW        | —                 |
| 04   | 23    | 11.3            | 13.5       | 7.5        | 10.9             | 10.7 | 10.5 | 9.5 | 9.0 | 9.6          | 81.4   | 0.0         |         | 0.5           | 4.6        | E          | —                 |
| 04   | 24    | 6.8             | 7.6        | 6.2        | 9.7              | 10.1 | 10.2 | 9.7 | 9.1 | 9.6          | 99.1   | 1.5         |         | 0.5           | 4.5        | ESE        | —                 |
| 04   | 25    | 8.7             | 11.5       | 6.3        | 9.6              | 9.6  | 9.8  | 9.8 | 9.1 | 9.7          | 98.7   | 9.5         |         | 0.0           | 2.2        | SSE        | —                 |
| 04   | 26    | 9.9             | 18.7       | 2.8        | 10.2             | 10.0 | 10.0 | 9.8 | 9.2 | 9.7          | 67.7   | 0.0         |         | 1.2           | 8.9        | W          | —                 |
| 04   | 27    | 8.3             | 16.6       | 0.0        | 9.3              | 9.6  | 9.8  | 9.8 | 9.3 | 9.7          | 57.7   | 0.0         |         | 0.9           | 6.1        | SE         | —                 |
| 04   | 28    | 7.8             | 17.8       | 2.5        | 9.4              | 9.6  | 9.7  | 9.8 | 9.4 | 9.7          | 75.6   | 3.0         |         | 1.0           | 8.9        | NW         | —                 |
| 04   | 29    | 11.6            | 23.1       | 0.8        | 9.9              | 9.7  | 9.7  | 9.8 | 9.4 | 9.8          | 46.1   | 0.0         |         | 1.1           | 6.4        | ESE        | —                 |
| 04   | 30    | 15.8            | 25.6       | 7.1        | 11.7             | 10.7 | 10.4 | 9.8 | 9.4 | 9.8          | 39.7   | 0.0         |         | 1.1           | 5.6        | WSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |     |     |              |        | 108.0       |         |               |            |            |                   |
| 平均   | Mean  | 8.1             | 14.4       | 3.0        | 9.1              | 9.1  | 9.1  | 9.0 | 8.7 | 9.5          | 78.8   | 3.6         |         | 0.7           | 6.0        |            | 2.5               |
| 最大   | Max.  | 15.9            | 25.6       | 10.6       | 11.7             | 10.7 | 10.5 | 9.8 | 9.4 | 9.8          | 99.5   | 17.0        |         | 2.1           | 14.2       |            | 5.0               |
| 最低   | Min.  | 1.3             | 4.1        | -3.7       | 6.0              | 6.9  | 7.4  | 8.0 | 7.6 | 9.3          | 39.7   | 0.0         |         | 0.0           | 2.2        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 11.2            | 13.0       | 9.2        | 10.9             | 11.0 | 11.0 | 10.1 | 9.5  | 9.8          | 72.1   | 0.5         |         | 1.2           | 13.3       | WNW        | —                 |
| 05   | 2     | 12.7            | 20.7       | 7.7        | 11.7             | 11.1 | 11.0 | 10.3 | 9.5  | 9.8          | 82.1   | 0.0         |         | 0.5           | 6.1        | ESE        | —                 |
| 05   | 3     | 13.3            | 23.1       | 5.6        | 11.8             | 11.3 | 11.2 | 10.5 | 9.6  | 9.8          | 56.5   | 0.0         |         | 0.8           | 4.9        | SE         | —                 |
| 05   | 4     | 17.4            | 26.3       | 8.7        | 13.0             | 12.1 | 11.7 | 10.6 | 9.7  | 9.9          | 46.1   | 0.0         |         | 1.6           | 10.3       | W          | —                 |
| 05   | 5     | 18.4            | 26.2       | 10.2       | 14.1             | 13.0 | 12.5 | 10.9 | 9.8  | 9.9          | 48.1   | 0.0         |         | 1.0           | 7.3        | S          | —                 |
| 05   | 6     | 13.4            | 14.5       | 11.3       | 13.3             | 13.2 | 12.9 | 11.3 | 9.8  | 9.9          | 90.8   | 13.5        |         | 0.1           | 2.8        | SW         | —                 |
| 05   | 7     | 14.6            | 22.1       | 9.5        | 14.1             | 13.3 | 12.9 | 11.6 | 10.0 | 9.9          | 85.8   | 1.5         |         | 0.5           | 5.3        | SSE        | —                 |
| 05   | 8     | 16.4            | 25.0       | 7.9        | 14.5             | 13.7 | 13.2 | 11.8 | 10.1 | 9.9          | 67.7   | 0.0         |         | 0.9           | 5.5        | SE         | —                 |
| 05   | 9     | 18.5            | 27.2       | 11.4       | 15.5             | 14.5 | 13.9 | 12.1 | 10.3 | 10.0         | 53.9   | 0.0         |         | 0.9           | 5.9        | ENE        | —                 |
| 05   | 10    | 13.8            | 24.0       | 6.7        | 14.4             | 14.3 | 14.1 | 12.4 | 10.4 | 10.0         | 65.1   | 8.0         |         | 1.3           | 11.9       | WNW        | —                 |
| 05   | 11    | 12.5            | 20.3       | 6.9        | 13.7             | 13.6 | 13.6 | 12.6 | 10.6 | 10.0         | 51.3   | 0.0         |         | 1.6           | 9.4        | WSW        | —                 |
| 05   | 12    | 14.7            | 22.6       | 6.3        | 13.3             | 13.2 | 13.2 | 12.6 | 10.8 | 10.1         | 50.1   | 0.0         |         | 0.9           | 5.7        | ESE        | —                 |
| 05   | 13    | 15.6            | 23.6       | 8.5        | 14.5             | 14.0 | 13.7 | 12.6 | 10.9 | 10.1         | 66.5   | 0.0         |         | 0.8           | 7.1        | E          | —                 |
| 05   | 14    | 13.7            | 21.9       | 6.2        | 13.8             | 13.7 | 13.6 | 12.7 | 11.0 | 10.2         | 64.2   | 0.0         |         | 0.7           | 5.0        | SE         | —                 |
| 05   | 15    | 12.0            | 18.2       | 6.6        | 13.3             | 13.6 | 13.6 | 12.8 | 11.1 | 10.2         | 78.8   | 0.0         |         | 0.7           | 6.1        | S          | —                 |
| 05   | 16    | 13.1            | 20.7       | 4.9        | 13.2             | 13.1 | 13.2 | 12.8 | 11.3 | 10.3         | 62.8   | 0.0         |         | 0.9           | 5.8        | ESE        | —                 |
| 05   | 17    | 11.5            | 15.5       | 8.9        | 12.9             | 13.2 | 13.3 | 12.8 | 11.3 | 10.3         | 90.2   | 19.5        |         | 0.7           | 7.4        | NNW        | —                 |
| 05   | 18    | 15.6            | 24.5       | 7.1        | 13.4             | 13.2 | 13.2 | 12.8 | 11.4 | 10.4         | 59.0   | 0.0         |         | 1.0           | 9.4        | W          | —                 |
| 05   | 19    | 13.3            | 19.0       | 8.2        | 13.5             | 13.5 | 13.5 | 12.9 | 11.5 | 10.4         | 84.5   | 5.0         |         | 0.5           | 6.7        | E          | —                 |
| 05   | 20    | 12.8            | 22.7       | 5.6        | 13.1             | 13.3 | 13.4 | 13.0 | 11.6 | 10.5         | 64.8   | 0.0         |         | 0.8           | 8.3        | SW         | —                 |
| 05   | 21    | 12.8            | 21.4       | 3.2        | 12.8             | 13.0 | 13.1 | 13.0 | 11.7 | 10.6         | 65.6   | 0.0         |         | 0.7           | 5.5        | SE         | —                 |
| 05   | 22    | 16.4            | 24.8       | 9.9        | 14.6             | 14.0 | 13.8 | 13.0 | 11.7 | 10.7         | 71.1   | 0.0         |         | 0.6           | 7.6        | SSE        | —                 |
| 05   | 23    | 18.9            | 27.5       | 10.2       | 15.5             | 14.8 | 14.4 | 13.2 | 11.8 | 10.7         | 67.0   | 0.0         |         | 0.8           | 5.1        | SE         | —                 |
| 05   | 24    | 19.1            | 26.5       | 13.5       | 16.5             | 15.7 | 15.2 | 13.6 | 11.9 | 10.8         | 70.0   | 0.0         |         | 0.7           | 5.9        | ESE        | —                 |
| 05   | 25    | 13.8            | 15.4       | 13.2       | 15.4             | 15.6 | 15.5 | 13.9 | 12.0 | 10.8         | 97.7   | 23.0        |         | 0.2           | 3.2        | E          | —                 |
| 05   | 26    | 18.0            | 28.4       | 10.4       | 15.6             | 15.4 | 15.2 | 14.2 | 12.1 | 10.9         | 64.2   | 0.0         |         | 0.7           | 6.5        | WNW        | —                 |
| 05   | 27    | 17.9            | 26.9       | 9.9        | 15.2             | 15.3 | 15.2 | 14.3 | 12.3 | 11.0         | 45.3   | 0.0         |         | 1.6           | 12.1       | W          | —                 |
| 05   | 28    | 13.0            | 20.0       | 6.3        | 14.3             | 14.8 | 14.9 | 14.4 | 12.4 | 11.0         | 71.0   | 0.0         |         | 0.7           | 5.5        | ESE        | —                 |
| 05   | 29    | 13.8            | 19.7       | 8.6        | 15.0             | 15.1 | 15.0 | 14.4 | 12.5 | 11.1         | 78.7   | 0.0         |         | 0.6           | 5.4        | ESE        | —                 |
| 05   | 30    | 13.3            | 17.6       | 10.1       | 14.6             | 15.0 | 15.0 | 14.4 | 12.6 | 11.2         | 87.9   | 17.5        |         | 0.4           | 3.7        | ESE        | —                 |
| 05   | 31    | 13.4            | 19.0       | 10.9       | 15.1             | 15.1 | 15.0 | 14.5 | 12.7 | 11.2         | 91.6   | 7.0         |         | 0.3           | 6.4        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 95.5        |         |               |            |            |                   |
| 平均   | Mean  | 14.7            | 21.9       | 8.5        | 14.0             | 13.7 | 13.6 | 12.6 | 11.1 | 10.4         | 69.4   | 3.1         |         | 0.8           | 6.8        |            |                   |
| 最大   | Max.  | 19.1            | 28.4       | 13.5       | 16.5             | 15.7 | 15.5 | 14.5 | 12.7 | 11.2         | 97.7   | 23.0        |         | 1.6           | 13.3       |            |                   |
| 最低   | Min.  | 11.2            | 13.0       | 3.2        | 10.9             | 11.0 | 11.0 | 10.1 | 9.5  | 9.8          | 45.3   | 0.0         |         | 0.1           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 14.7            | 22.0       | 10.0       | 15.6             | 15.4 | 15.2 | 14.6 | 12.8 | 11.3         | 86.5   | 0.0         |         | 0.5           | 4.7        | SE         | —                 |
| 06   | 2     | 16.5            | 23.3       | 11.0       | 16.8             | 16.3 | 15.8 | 14.7 | 12.9 | 11.3         | 80.0   | 0.0         |         | 0.5           | 5.7        | SE         | —                 |
| 06   | 3     | 15.9            | 22.4       | 11.2       | 17.0             | 16.7 | 16.2 | 14.9 | 13.0 | 11.4         | 81.9   | 0.0         |         | 0.5           | 5.8        | ESE        | —                 |
| 06   | 4     | 16.8            | 24.7       | 9.3        | 17.2             | 16.8 | 16.4 | 15.1 | 13.1 | 11.5         | 71.3   | 0.0         |         | 0.6           | 5.4        | SE         | —                 |
| 06   | 5     | 16.8            | 22.9       | 10.6       | 17.2             | 17.0 | 16.6 | 15.3 | 13.2 | 11.6         | 79.8   | 0.0         |         | 0.4           | 5.0        | SE         | —                 |
| 06   | 6     | 17.8            | 24.7       | 12.5       | 17.8             | 17.4 | 17.0 | 15.5 | 13.4 | 11.6         | 82.2   | 9.5         |         | 0.4           | 6.9        | ESE        | —                 |
| 06   | 7     | 15.7            | 22.3       | 12.6       | 17.2             | 17.2 | 17.0 | 15.7 | 13.5 | 11.7         | 93.2   | 23.0        |         | 0.4           | 6.4        | ESE        | —                 |
| 06   | 8     | 15.9            | 22.9       | 12.5       | 17.6             | 17.3 | 17.0 | 15.9 | 13.6 | 11.8         | 92.0   | 15.5        |         | 0.4           | 6.6        | ESE        | —                 |
| 06   | 9     | 14.8            | 17.8       | 11.9       | 17.1             | 17.3 | 17.1 | 16.1 | 13.8 | 11.9         | 96.4   | 8.5         |         | 0.1           | 2.9        | W          | —                 |
| 06   | 10    | 14.0            | 16.0       | 11.7       | 16.6             | 16.9 | 16.9 | 16.2 | 14.0 | 12.0         | 97.8   | 6.0         |         | 0.1           | 3.2        | ESE        | —                 |
| 06   | 11    | 16.1            | 22.4       | 11.5       | 17.1             | 16.9 | 16.7 | 16.2 | 14.2 | 12.1         | 87.9   | 0.0         |         | 0.3           | 3.8        | SE         | —                 |
| 06   | 12    | 19.2            | 27.2       | 11.6       | 18.5             | 17.8 | 17.2 | 16.2 | 14.3 | 12.1         | 78.1   | 0.0         |         | 0.6           | 5.1        | SSE        | —                 |
| 06   | 13    | 19.9            | 27.7       | 13.8       | 19.2             | 18.6 | 18.0 | 16.4 | 14.3 | 12.2         | 72.2   | 0.0         |         | 0.7           | 6.5        | SSE        | —                 |
| 06   | 14    | 16.0            | 19.9       | 13.7       | 18.0             | 18.2 | 18.0 | 16.7 | 14.4 | 12.3         | 86.9   | 2.5         |         | 0.4           | 3.7        | E          | —                 |
| 06   | 15    | 18.2            | 26.8       | 12.4       | 18.5             | 18.2 | 17.8 | 16.8 | 14.6 | 12.4         | 81.0   | 0.5         |         | 0.6           | 7.5        | W          | —                 |
| 06   | 16    | 18.9            | 29.9       | 9.7        | 18.2             | 18.2 | 17.9 | 16.9 | 14.7 | 12.5         | 51.6   | 0.0         |         | 1.1           | 8.2        | WNW        | —                 |
| 06   | 17    | 18.6            | 26.4       | 9.5        | 18.3             | 18.1 | 17.8 | 16.9 | 14.8 | 12.6         | 60.9   | 0.0         |         | 0.7           | 5.8        | ESE        | —                 |
| 06   | 18    | 19.4            | 24.2       | 15.9       | 19.4             | 18.9 | 18.5 | 17.0 | 14.9 | 12.7         | 82.1   | 0.0         |         | 0.3           | 3.6        | SE         | —                 |
| 06   | 19    | 19.7            | 24.5       | 16.9       | 19.3             | 19.0 | 18.7 | 17.3 | 15.0 | 12.7         | 87.4   | 1.0         |         | 0.2           | 2.7        | SW         | —                 |
| 06   | 20    | 21.0            | 27.0       | 15.4       | 19.9             | 19.3 | 18.9 | 17.4 | 15.1 | 12.8         | 81.9   | 0.0         |         | 0.5           | 4.7        | SSW        | —                 |
| 06   | 21    | 21.5            | 27.3       | 16.3       | 20.3             | 19.6 | 19.2 | 17.6 | 15.2 | 12.9         | 81.9   | 0.0         |         | 0.6           | 4.9        | ESE        | —                 |
| 06   | 22    | 18.6            | 20.6       | 15.6       | 19.8             | 19.7 | 19.5 | 17.9 | 15.3 | 13.0         | 97.9   | 11.5        |         | 0.3           | 4.3        | E          | —                 |
| 06   | 23    | 20.8            | 28.5       | 15.4       | 20.0             | 19.6 | 19.3 | 18.0 | 15.4 | 13.0         | 72.0   | 0.0         |         | 0.4           | 4.9        | SSE        | —                 |
| 06   | 24    | 17.1            | 20.2       | 14.1       | 18.9             | 19.3 | 19.3 | 18.1 | 15.5 | 13.1         | 86.8   | 10.5        |         | 0.1           | 3.0        | W          | —                 |
| 06   | 25    | 15.9            | 18.5       | 14.0       | 18.2             | 18.6 | 18.7 | 18.1 | 15.7 | 13.2         | 96.3   | 0.0         |         | 0.2           | 4.3        | ESE        | —                 |
| 06   | 26    | 19.4            | 25.5       | 15.4       | 19.1             | 18.8 | 18.7 | 18.0 | 15.8 | 13.2         | 88.7   | 0.0         |         | 0.3           | 4.0        | SE         | —                 |
| 06   | 27    | 21.1            | 26.8       | 15.7       | 20.0             | 19.5 | 19.2 | 18.1 | 15.8 | 13.3         | 84.7   | 0.0         |         | 0.2           | 3.9        | SSW        | —                 |
| 06   | 28    | 21.5            | 26.3       | 16.6       | 20.5             | 20.0 | 19.7 | 18.3 | 15.9 | 13.4         | 86.7   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 06   | 29    | 20.6            | 23.0       | 17.8       | 20.5             | 20.3 | 20.0 | 18.5 | 16.0 | 13.5         | 93.4   | 5.0         |         | 0.3           | 3.4        | SW         | —                 |
| 06   | 30    | 20.2            | 24.0       | 17.1       | 20.0             | 20.0 | 19.9 | 18.7 | 16.1 | 13.5         | 93.5   | 0.0         |         | 0.3           | 3.4        | N          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 93.5        |         |               |            |            |                   |
| 平均   | Mean  | 18.1            | 23.9       | 13.4       | 18.5             | 18.2 | 17.9 | 16.8 | 14.5 | 12.4         | 83.8   | 3.1         |         | 0.4           | 4.8        |            |                   |
| 最大   | Max.  | 21.5            | 29.9       | 17.8       | 20.5             | 20.3 | 20.0 | 18.7 | 16.1 | 13.5         | 97.9   | 23.0        |         | 1.1           | 8.2        |            |                   |
| 最低   | Min.  | 14.0            | 16.0       | 9.3        | 15.6             | 15.4 | 15.2 | 14.6 | 12.8 | 11.3         | 51.6   | 0.0         |         | 0.1           | 2.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 19.5            | 24.7       | 16.6       | 20.0             | 20.0 | 19.9 | 18.8 | 16.2 | 13.6         | 92.2   | 5.5         |         | 0.1           | 2.8        | SE         | —                 |
| 07   | 2     | 18.9            | 20.8       | 17.2       | 19.8             | 19.9 | 19.8 | 18.8 | 16.3 | 13.7         | 98.2   | 4.0         |         | 0.1           | 3.0        | ESE        | —                 |
| 07   | 3     | 20.9            | 27.3       | 16.3       | 20.3             | 20.0 | 19.8 | 18.9 | 16.4 | 13.8         | 90.5   | 5.0         |         | 0.4           | 4.6        | ESE        | —                 |
| 07   | 4     | 18.1            | 19.4       | 16.8       | 19.9             | 20.2 | 20.1 | 19.0 | 16.5 | 13.8         | 99.8   | 22.0        |         | 0.2           | 3.1        | E          | —                 |
| 07   | 5     | 20.2            | 26.5       | 16.1       | 20.0             | 19.9 | 19.8 | 19.1 | 16.7 | 13.9         | 88.6   | 2.5         |         | 0.1           | 3.6        | NE         | —                 |
| 07   | 6     | 20.5            | 26.1       | 14.3       | 20.0             | 20.0 | 20.0 | 19.1 | 16.8 | 14.0         | 84.1   | 0.5         |         | 0.4           | 4.2        | SE         | —                 |
| 07   | 7     | 19.3            | 21.0       | 18.1       | 20.2             | 20.2 | 20.1 | 19.2 | 16.9 | 14.1         | 93.9   | 0.5         |         | 0.1           | 3.4        | E          | —                 |
| 07   | 8     | 18.6            | 21.2       | 16.5       | 19.7             | 19.9 | 20.0 | 19.3 | 17.0 | 14.2         | 92.9   | 3.0         |         | 0.1           | 2.8        | SE         | —                 |
| 07   | 9     | 17.7            | 19.4       | 15.8       | 19.4             | 19.7 | 19.8 | 19.2 | 17.1 | 14.3         | 97.6   | 1.0         |         | 0.1           | 2.8        | ESE        | —                 |
| 07   | 10    | 18.2            | 19.8       | 17.1       | 19.3             | 19.5 | 19.6 | 19.2 | 17.1 | 14.3         | 98.9   | 8.5         |         | 0.0           | 2.6        | ESE        | —                 |
| 07   | 11    | 19.0            | 20.9       | 17.3       | 19.4             | 19.5 | 19.6 | 19.2 | 17.2 | 14.4         | 98.4   | 2.5         |         | 0.0           | 2.3        | WNW        | —                 |
| 07   | 12    | 18.8            | 21.9       | 16.2       | 19.3             | 19.4 | 19.6 | 19.2 | 17.2 | 14.5         | 97.1   | 5.5         |         | 0.1           | 2.5        | W          | —                 |
| 07   | 13    | 19.1            | 22.1       | 16.3       | 19.3             | 19.4 | 19.5 | 19.1 | 17.3 | 14.6         | 96.3   | 0.0         |         | 0.1           | 3.3        | W          | —                 |
| 07   | 14    | 18.0            | 18.8       | 17.2       | 19.1             | 19.4 | 19.5 | 19.1 | 17.3 | 14.7         | 99.7   | 51.5        |         | 0.1           | 3.3        | E          | —                 |
| 07   | 15    | 18.9            | 21.5       | 16.8       | 18.6             | 18.8 | 19.1 | 19.3 | 17.7 | 14.9         | 99.3   | 92.0        |         | 0.2           | 5.5        | ENE        | —                 |
| 07   | 16    | 20.2            | 25.6       | 17.0       | 19.8             | 19.6 | 19.6 | 19.2 | 18.0 | 15.3         | 94.7   | 2.0         |         | 0.1           | 3.3        | ESE        | —                 |
| 07   | 17    | 16.9            | 18.4       | 15.9       | 19.3             | 19.6 | 19.8 | 19.4 | 17.9 | 15.5         | 98.4   | 5.5         |         | 0.1           | 3.4        | ESE        | —                 |
| 07   | 18    | 17.0            | 21.0       | 15.7       | 18.7             | 19.1 | 19.4 | 19.4 | 17.9 | 15.5         | 98.8   | 9.5         |         | 0.2           | 4.0        | ESE        | —                 |
| 07   | 19    | 17.6            | 20.8       | 16.4       | 18.9             | 19.2 | 19.3 | 19.3 | 18.0 | 15.6         | 97.9   | 0.5         |         | 0.1           | 4.2        | ESE        | —                 |
| 07   | 20    | 18.3            | 20.7       | 16.8       | 19.1             | 19.3 | 19.4 | 19.3 | 18.0 | 15.7         | 97.5   | 2.0         |         | 0.0           | 2.8        | ESE        | —                 |
| 07   | 21    | 19.8            | 22.4       | 17.7       | 19.5             | 19.5 | 19.5 | 19.3 | 18.0 | 15.7         | 96.2   | 2.5         |         | 0.1           | 2.8        | ESE        | —                 |
| 07   | 22    | 21.4            | 25.5       | 19.1       | 20.3             | 20.0 | 20.0 | 19.4 | 17.9 | 15.7         | 95.5   | 21.0        |         | 0.1           | 2.3        | WSW        | —                 |
| 07   | 23    | 20.4            | 23.1       | 18.7       | 20.5             | 20.4 | 20.4 | 19.6 | 18.0 | 15.8         | 98.2   | 7.0         |         | 0.1           | 5.0        | ESE        | —                 |
| 07   | 24    | 21.3            | 28.9       | 13.5       | 20.5             | 20.4 | 20.4 | 19.7 | 18.0 | 15.8         | 81.0   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 07   | 25    | 21.4            | 26.2       | 16.6       | 20.7             | 20.7 | 20.6 | 19.8 | 18.1 | 15.9         | 87.9   | 0.0         |         | 0.3           | 3.6        | SE         | —                 |
| 07   | 26    | 21.8            | 26.2       | 18.7       | 21.2             | 21.0 | 20.9 | 20.0 | 18.1 | 15.9         | 92.8   | 17.5        |         | 0.2           | 4.0        | SW         | —                 |
| 07   | 27    | 23.0            | 29.9       | 18.1       | 21.7             | 21.4 | 21.2 | 20.2 | 18.2 | 16.0         | 86.3   | 0.0         |         | 0.5           | 5.3        | E          | —                 |
| 07   | 28    | 23.3            | 31.7       | 17.2       | 21.7             | 21.6 | 21.5 | 20.4 | 18.3 | 16.0         | 82.2   | 0.0         |         | 0.6           | 4.6        | WSW        | —                 |
| 07   | 29    | 21.2            | 26.0       | 18.8       | 21.5             | 21.6 | 21.6 | 20.5 | 18.3 | 16.0         | 92.5   | 12.5        |         | 0.4           | 4.0        | W          | —                 |
| 07   | 30    | 18.4            | 20.5       | 16.8       | 20.2             | 20.8 | 21.1 | 20.8 | 18.5 | 16.1         | 98.9   | 48.0        |         | 0.3           | 3.8        | E          | —                 |
| 07   | 31    | 19.6            | 25.7       | 15.6       | 20.0             | 20.3 | 20.6 | 20.7 | 18.8 | 16.3         | 89.2   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 332.0       |         |               |            |            |                   |
| 平均   | Mean  | 19.6            | 23.4       | 16.8       | 19.9             | 20.0 | 20.0 | 19.5 | 17.5 | 15.0         | 94.0   | 10.7        |         | 0.2           | 3.6        |            |                   |
| 最大   | Max.  | 23.3            | 31.7       | 19.1       | 21.7             | 21.6 | 21.6 | 20.8 | 18.8 | 16.3         | 99.8   | 92.0        |         | 0.6           | 5.5        |            |                   |
| 最低   | Min.  | 16.9            | 18.4       | 13.5       | 18.6             | 18.8 | 19.1 | 18.8 | 16.2 | 13.6         | 81.0   | 0.0         |         | 0.0           | 2.3        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 21.0            | 28.5       | 14.4       | 20.5             | 20.6 | 20.8 | 20.6 | 18.9 | 16.3         | 83.4   | 0.0         |         | 0.7           | 6.1        | WSW        | —                 |
| 08   | 2     | 24.3            | 31.4       | 16.6       | 21.4             | 21.3 | 21.2 | 20.6 | 18.9 | 16.4         | 73.7   | 0.0         |         | 1.6           | 12.0       | W          | —                 |
| 08   | 3     | 23.8            | 27.5       | 21.0       | 21.6             | 21.6 | 21.6 | 20.8 | 18.9 | 16.4         | 75.6   | 0.0         |         | 1.6           | 10.3       | WNW        | —                 |
| 08   | 4     | 25.0            | 32.1       | 20.1       | 22.1             | 21.8 | 21.7 | 20.9 | 19.0 | 16.4         | 78.9   | 0.0         |         | 0.5           | 6.4        | S          | —                 |
| 08   | 5     | 23.5            | 30.9       | 19.7       | 22.1             | 22.1 | 22.2 | 21.2 | 19.0 | 16.5         | 84.8   | 59.5        |         | 0.6           | 4.2        | WSW        | —                 |
| 08   | 6     | 23.6            | 30.2       | 18.6       | 22.3             | 22.2 | 22.2 | 21.5 | 19.3 | 16.6         | 87.1   | 0.0         |         | 0.5           | 5.7        | SE         | —                 |
| 08   | 7     | 23.9            | 30.6       | 18.9       | 22.8             | 22.7 | 22.6 | 21.6 | 19.4 | 16.7         | 85.1   | 0.0         |         | 0.4           | 4.4        | SSE        | —                 |
| 08   | 8     | 24.5            | 30.2       | 19.9       | 23.3             | 23.1 | 22.9 | 21.8 | 19.5 | 16.8         | 84.4   | 0.0         |         | 0.5           | 4.6        | SSE        | —                 |
| 08   | 9     | 24.8            | 32.2       | 18.7       | 23.4             | 23.3 | 23.2 | 22.0 | 19.6 | 16.8         | 79.9   | 0.0         |         | 0.6           | 3.7        | WSW        | —                 |
| 08   | 10    | 25.2            | 32.8       | 19.5       | 23.6             | 23.5 | 23.4 | 22.2 | 19.7 | 16.9         | 78.2   | 0.0         |         | 0.6           | 5.0        | SW         | —                 |
| 08   | 11    | 25.3            | 32.8       | 19.3       | 23.7             | 23.6 | 23.5 | 22.4 | 19.8 | 16.9         | 77.8   | 0.0         |         | 0.5           | 3.9        | SW         | —                 |
| 08   | 12    | 24.1            | 30.9       | 18.4       | 23.4             | 23.5 | 23.6 | 22.5 | 20.0 | 17.0         | 77.1   | 0.0         |         | 0.6           | 5.1        | SSE        | —                 |
| 08   | 13    | 24.0            | 31.3       | 17.4       | 23.2             | 23.3 | 23.4 | 22.6 | 20.1 | 17.1         | 80.2   | 0.0         |         | 0.5           | 4.4        | SSE        | —                 |
| 08   | 14    | 25.5            | 31.9       | 19.2       | 24.0             | 23.8 | 23.7 | 22.7 | 20.3 | 17.2         | 79.8   | 0.0         |         | 0.6           | 5.6        | SSW        | —                 |
| 08   | 15    | 27.0            | 34.5       | 21.1       | 24.6             | 24.3 | 24.1 | 22.8 | 20.4 | 17.2         | 76.3   | 0.0         |         | 0.5           | 3.2        | SW         | —                 |
| 08   | 16    | 27.3            | 35.7       | 22.2       | 25.0             | 24.7 | 24.5 | 23.0 | 20.5 | 17.3         | 74.1   | 0.0         |         | 0.6           | 5.5        | S          | —                 |
| 08   | 17    | 26.2            | 33.4       | 22.0       | 24.6             | 24.6 | 24.5 | 23.2 | 20.7 | 17.4         | 72.8   | 0.0         |         | 0.5           | 3.9        | S          | —                 |
| 08   | 18    | 21.9            | 25.2       | 20.2       | 23.9             | 24.3 | 24.3 | 23.3 | 20.8 | 17.5         | 93.1   | 0.0         |         | 0.4           | 4.5        | ESE        | —                 |
| 08   | 19    | 23.4            | 31.7       | 18.5       | 23.6             | 23.8 | 23.9 | 23.3 | 20.9 | 17.5         | 85.1   | 17.0        |         | 0.5           | 14.2       | SE         | —                 |
| 08   | 20    | 23.1            | 31.4       | 17.7       | 23.0             | 23.5 | 23.7 | 23.2 | 20.9 | 17.6         | 83.5   | 0.0         |         | 0.6           | 4.0        | WSW        | —                 |
| 08   | 21    | 24.7            | 32.0       | 18.0       | 23.5             | 23.7 | 23.7 | 23.2 | 21.0 | 17.6         | 77.7   | 0.0         |         | 0.5           | 4.2        | SSW        | —                 |
| 08   | 22    | 25.3            | 34.7       | 20.2       | 23.8             | 23.9 | 23.9 | 23.2 | 21.1 | 17.7         | 74.4   | 2.0         |         | 0.3           | 3.5        | W          | —                 |
| 08   | 23    | 20.6            | 26.8       | 17.1       | 22.7             | 23.4 | 23.7 | 23.3 | 21.1 | 17.8         | 89.3   | 8.5         |         | 0.3           | 6.5        | SW         | —                 |
| 08   | 24    | 21.5            | 26.8       | 16.9       | 22.3             | 22.9 | 23.2 | 23.2 | 21.2 | 17.8         | 86.0   | 0.0         |         | 0.4           | 4.5        | SSE        | —                 |
| 08   | 25    | 23.4            | 30.8       | 17.4       | 22.7             | 23.0 | 23.2 | 23.1 | 21.3 | 17.9         | 76.7   | 0.0         |         | 0.5           | 4.6        | S          | —                 |
| 08   | 26    | 23.3            | 30.8       | 17.4       | 22.8             | 23.1 | 23.3 | 23.0 | 21.3 | 18.0         | 77.5   | 0.0         |         | 0.4           | 3.7        | SSW        | —                 |
| 08   | 27    | 23.8            | 30.8       | 18.4       | 23.1             | 23.3 | 23.4 | 23.0 | 21.4 | 18.1         | 80.4   | 0.0         |         | 0.4           | 4.5        | SSW        | —                 |
| 08   | 28    | 22.6            | 27.3       | 18.7       | 23.1             | 23.4 | 23.5 | 23.1 | 21.4 | 18.1         | 86.9   | 0.0         |         | 0.3           | 3.4        | W          | —                 |
| 08   | 29    | 20.1            | 22.6       | 18.8       | 22.3             | 22.9 | 23.2 | 23.0 | 21.4 | 18.2         | 95.6   | 5.5         |         | 0.3           | 3.0        | ESE        | —                 |
| 08   | 30    | 19.7            | 22.4       | 17.6       | 22.1             | 22.6 | 22.8 | 22.9 | 21.5 | 18.2         | 97.7   | 2.0         |         | 0.3           | 3.0        | ESE        | —                 |
| 08   | 31    | 18.1            | 19.2       | 17.3       | 21.1             | 22.0 | 22.4 | 22.8 | 21.4 | 18.3         | 99.4   | 2.0         |         | 0.1           | 4.1        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 96.5        |         |               |            |            |                   |
| 平均   | Mean  | 23.6            | 30.0       | 18.7       | 22.9             | 23.1 | 23.1 | 22.5 | 20.3 | 17.3         | 82.3   | 3.1         |         | 0.5           | 5.2        |            |                   |
| 最大   | Max.  | 27.3            | 35.7       | 22.2       | 25.0             | 24.7 | 24.5 | 23.3 | 21.5 | 18.3         | 99.4   | 59.5        |         | 1.6           | 14.2       |            |                   |
| 最低   | Min.  | 18.1            | 19.2       | 14.4       | 20.5             | 20.6 | 20.8 | 20.6 | 18.9 | 16.3         | 72.8   | 0.0         |         | 0.1           | 3.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2007年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 18.2            | 19.6       | 16.3       | 20.8             | 21.5 | 21.9 | 22.5 | 21.4 | 18.3         | 98.6   | 1.5         |         | 0.3           | 3.4        | E          | —                 |
| 09   | 2     | 17.1            | 18.8       | 15.6       | 20.4             | 21.1 | 21.5 | 22.3 | 21.4 | 18.4         | 97.0   | 0.5         |         | 0.2           | 3.0        | ESE        | —                 |
| 09   | 3     | 19.8            | 25.4       | 16.3       | 22.3             | 21.8 | 21.7 | 22.0 | 21.3 | 18.4         | 90.9   | 0.0         |         | 0.4           | 5.2        | ESE        | —                 |
| 09   | 4     | 22.3            | 29.7       | 15.7       | 23.6             | 22.9 | 22.6 | 22.1 | 21.2 | 18.5         | 83.0   | 1.5         |         | 0.4           | 5.1        | SE         | —                 |
| 09   | 5     | 21.5            | 23.1       | 20.2       | 23.0             | 23.2 | 23.1 | 22.3 | 21.1 | 18.5         | 96.6   | 45.0        |         | 0.1           | 2.9        | SE         | —                 |
| 09   | 6     | 21.4            | 22.1       | 20.4       | 21.4             | 21.9 | 22.3 | 22.5 | 21.2 | 18.7         | 98.4   | 317.5       |         | 0.8           | 10.6       | ENE        | —                 |
| 09   | 7     | 23.1            | 29.3       | 19.2       | 22.4             | 21.6 | 21.5 | 21.9 | 22.0 | 20.2         | 90.2   | 81.5        |         | 0.9           | 9.4        | N          | —                 |
| 09   | 8     | 22.8            | 30.3       | 17.2       | 23.7             | 22.8 | 22.5 | 22.0 | 21.9 | 20.3         | 83.1   | 0.0         |         | 0.9           | 5.8        | WNW        | —                 |
| 09   | 9     | 22.6            | 28.9       | 17.5       | 24.2             | 23.5 | 23.2 | 22.3 | 21.8 | 20.2         | 85.3   | 0.0         |         | 0.6           | 5.2        | S          | —                 |
| 09   | 10    | 21.9            | 26.3       | 20.0       | 23.5             | 23.5 | 23.4 | 22.6 | 21.7 | 20.2         | 94.3   | 9.0         |         | 0.2           | 2.7        | WSW        | —                 |
| 09   | 11    | 19.5            | 21.9       | 18.2       | 22.4             | 22.9 | 23.1 | 22.8 | 21.8 | 20.2         | 97.4   | 1.0         |         | 0.3           | 3.9        | ESE        | —                 |
| 09   | 12    | 19.2            | 24.8       | 17.2       | 21.6             | 21.9 | 22.2 | 22.7 | 21.8 | 20.2         | 91.2   | 47.0        |         | 0.2           | 6.3        | SE         | —                 |
| 09   | 13    | 18.8            | 24.3       | 14.6       | 22.0             | 22.1 | 22.2 | 22.5 | 21.9 | 20.3         | 86.9   | 0.0         |         | 0.4           | 4.2        | SSE        | —                 |
| 09   | 14    | 21.0            | 27.5       | 15.3       | 22.7             | 22.3 | 22.4 | 22.5 | 21.9 | 20.3         | 85.1   | 0.0         |         | 0.4           | 4.4        | SE         | —                 |
| 09   | 15    | 21.8            | 28.4       | 17.2       | 23.8             | 23.2 | 23.0 | 22.5 | 21.8 | 20.2         | 86.2   | 0.0         |         | 0.8           | 5.9        | SW         | —                 |
| 09   | 16    | 22.4            | 27.0       | 18.0       | 23.2             | 23.2 | 23.2 | 22.7 | 21.8 | 20.2         | 86.7   | 0.0         |         | 0.3           | 5.6        | WNW        | —                 |
| 09   | 17    | 24.1            | 31.6       | 19.2       | 24.4             | 23.6 | 23.4 | 22.8 | 21.8 | 20.2         | 80.1   | 0.0         |         | 0.6           | 7.4        | WSW        | —                 |
| 09   | 18    | 22.4            | 29.7       | 17.4       | 24.6             | 24.1 | 24.0 | 23.0 | 21.8 | 20.2         | 86.7   | 6.5         |         | 0.8           | 6.2        | E          | —                 |
| 09   | 19    | 18.7            | 21.2       | 16.9       | 22.4             | 23.1 | 23.4 | 23.1 | 21.8 | 20.1         | 96.3   | 0.5         |         | 0.1           | 2.5        | ESE        | —                 |
| 09   | 20    | 22.6            | 29.7       | 16.7       | 23.9             | 23.3 | 23.2 | 23.0 | 21.9 | 20.1         | 82.9   | 0.0         |         | 0.5           | 4.0        | SSW        | —                 |
| 09   | 21    | 22.5            | 29.5       | 15.8       | 24.4             | 24.0 | 23.8 | 23.1 | 21.9 | 20.1         | 80.7   | 0.0         |         | 0.6           | 4.0        | SW         | —                 |
| 09   | 22    | 22.5            | 30.6       | 17.7       | 24.3             | 24.1 | 24.0 | 23.2 | 21.9 | 20.1         | 79.5   | 0.0         |         | 0.7           | 3.7        | WSW        | —                 |
| 09   | 23    | 18.1            | 20.8       | 16.9       | 21.9             | 23.0 | 23.5 | 23.3 | 22.0 | 20.1         | 95.9   | 4.0         |         | 0.4           | 3.6        | E          | —                 |
| 09   | 24    | 16.6            | 17.5       | 15.9       | 20.5             | 21.7 | 22.4 | 23.1 | 22.0 | 20.1         | 99.1   | 5.0         |         | 0.2           | 3.1        | E          | —                 |
| 09   | 25    | 19.5            | 27.5       | 13.5       | 21.5             | 21.7 | 22.0 | 22.8 | 22.0 | 20.1         | 86.2   | 2.5         |         | 0.3           | 4.1        | ESE        | —                 |
| 09   | 26    | 16.8            | 22.8       | 11.7       | 20.6             | 21.3 | 21.8 | 22.6 | 22.0 | 20.1         | 82.3   | 0.0         |         | 0.5           | 5.3        | SE         | —                 |
| 09   | 27    | 18.0            | 23.5       | 14.6       | 21.5             | 21.6 | 21.8 | 22.4 | 21.9 | 20.1         | 87.4   | 0.0         |         | 0.6           | 5.8        | ESE        | —                 |
| 09   | 28    | 20.9            | 30.1       | 14.7       | 22.0             | 21.9 | 22.1 | 22.3 | 21.9 | 20.1         | 78.1   | 0.0         |         | 0.4           | 4.1        | SSW        | —                 |
| 09   | 29    | 14.0            | 17.7       | 12.2       | 19.6             | 21.0 | 21.7 | 22.3 | 21.8 | 20.0         | 96.2   | 11.0        |         | 0.2           | 3.4        | E          | —                 |
| 09   | 30    | 12.6            | 13.8       | 11.6       | 17.3             | 19.1 | 20.1 | 22.0 | 21.7 | 20.1         | 99.1   | 40.0        |         | 0.0           | 2.2        | E          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 574.0       |         |               |            |            |                   |
| 平均   | Mean  | 20.1            | 25.1       | 16.4       | 22.3             | 22.4 | 22.6 | 22.6 | 21.7 | 19.8         | 89.4   | 19.1        |         | 0.4           | 4.7        |            |                   |
| 最大   | Max.  | 24.1            | 31.6       | 20.4       | 24.6             | 24.1 | 24.0 | 23.3 | 22.0 | 20.3         | 99.1   | 317.5       |         | 0.9           | 10.6       |            |                   |
| 最低   | Min.  | 12.6            | 13.8       | 11.6       | 17.3             | 19.1 | 20.1 | 21.9 | 21.1 | 18.3         | 78.1   | 0.0         |         | 0.0           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 10月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 13.1            | 14.4       | 12.2       | 16.7             | 18.0 | 18.9 | 21.3 | 21.7 | 20.1         | 98.9   | 1.0         |         | 0.0           | 2.2        | E          | —                 |
| 10   | 2     | 14.7            | 19.1       | 12.9       | 17.5             | 18.3 | 19.0 | 20.9 | 21.6 | 20.1         | 96.8   | 1.5         |         | 0.1           | 3.8        | ESE        | —                 |
| 10   | 3     | 13.9            | 15.3       | 12.8       | 17.2             | 18.2 | 19.0 | 20.6 | 21.4 | 20.1         | 98.1   | 1.0         |         | 0.0           | 1.9        | S          | —                 |
| 10   | 4     | 16.4            | 23.0       | 11.5       | 18.3             | 18.5 | 19.0 | 20.4 | 21.2 | 20.1         | 90.1   | 0.0         |         | 0.3           | 5.3        | ESE        | —                 |
| 10   | 5     | 17.2            | 23.9       | 11.5       | 19.2             | 19.3 | 19.6 | 20.3 | 21.1 | 20.1         | 87.8   | 2.5         |         | 0.5           | 5.2        | SSE        | —                 |
| 10   | 6     | 13.3            | 20.9       | 8.6        | 17.5             | 18.7 | 19.3 | 20.4 | 20.9 | 20.1         | 78.2   | 0.0         |         | 0.6           | 3.4        | SW         | —                 |
| 10   | 7     | 13.3            | 20.6       | 7.6        | 16.8             | 17.8 | 18.6 | 20.2 | 20.8 | 20.0         | 85.1   | 0.0         |         | 0.5           | 4.7        | S          | —                 |
| 10   | 8     | 16.2            | 21.6       | 11.5       | 17.5             | 18.1 | 18.6 | 20.0 | 20.7 | 20.0         | 88.5   | 0.0         |         | 0.6           | 8.9        | SW         | —                 |
| 10   | 9     | 14.8            | 16.8       | 12.2       | 17.5             | 18.2 | 18.8 | 19.9 | 20.6 | 19.9         | 95.1   | 0.5         |         | 0.2           | 3.2        | E          | —                 |
| 10   | 10    | 14.1            | 19.4       | 11.4       | 17.2             | 17.9 | 18.5 | 19.8 | 20.5 | 19.9         | 86.0   | 0.0         |         | 0.3           | 3.1        | ESE        | —                 |
| 10   | 11    | 14.8            | 20.5       | 11.6       | 17.5             | 18.0 | 18.5 | 19.7 | 20.4 | 19.9         | 86.9   | 0.0         |         | 0.3           | 3.9        | SE         | —                 |
| 10   | 12    | 15.0            | 21.7       | 11.9       | 17.6             | 18.2 | 18.7 | 19.6 | 20.3 | 19.8         | 85.4   | 0.0         |         | 0.3           | 4.3        | SE         | —                 |
| 10   | 13    | 13.3            | 18.8       | 10.5       | 17.1             | 17.9 | 18.4 | 19.6 | 20.2 | 19.8         | 79.7   | 0.0         |         | 0.5           | 3.9        | ESE        | —                 |
| 10   | 14    | 12.0            | 14.5       | 10.5       | 16.3             | 17.4 | 18.1 | 19.4 | 20.1 | 19.7         | 90.2   | 0.0         |         | 0.4           | 3.6        | ESE        | —                 |
| 10   | 15    | 12.0            | 16.8       | 9.6        | 15.7             | 16.9 | 17.7 | 19.3 | 20.0 | 19.7         | 89.4   | 0.5         |         | 0.3           | 3.6        | E          | —                 |
| 10   | 16    | 10.2            | 11.4       | 9.4        | 14.9             | 16.3 | 17.2 | 19.0 | 19.9 | 19.6         | 98.8   | 2.0         |         | 0.1           | 2.4        | E          | —                 |
| 10   | 17    | 11.5            | 16.5       | 8.2        | 15.1             | 16.1 | 16.9 | 18.7 | 19.8 | 19.6         | 92.3   | 0.5         |         | 0.1           | 2.8        | S          | —                 |
| 10   | 18    | 10.5            | 13.9       | 7.4        | 14.3             | 15.6 | 16.5 | 18.5 | 19.7 | 19.5         | 92.4   | 0.0         |         | 0.2           | 4.0        | ESE        | —                 |
| 10   | 19    | 10.3            | 11.9       | 9.4        | 14.0             | 15.3 | 16.2 | 18.2 | 19.5 | 19.5         | 97.3   | 14.0        |         | 0.1           | 2.4        | ESE        | —                 |
| 10   | 20    | 11.9            | 19.3       | 6.3        | 14.5             | 15.1 | 15.8 | 17.9 | 19.3 | 19.4         | 89.0   | 0.0         |         | 0.5           | 5.7        | SSW        | —                 |
| 10   | 21    | 9.2             | 18.2       | 2.7        | 13.6             | 14.8 | 15.7 | 17.7 | 19.2 | 19.4         | 76.2   | 0.0         |         | 0.8           | 4.1        | WSW        | —                 |
| 10   | 22    | 11.1            | 19.2       | 5.0        | 13.8             | 14.6 | 15.4 | 17.5 | 19.0 | 19.3         | 81.8   | 0.0         |         | 0.6           | 4.0        | SW         | —                 |
| 10   | 23    | 11.8            | 20.3       | 7.3        | 14.2             | 14.9 | 15.6 | 17.3 | 18.9 | 19.2         | 77.7   | 0.0         |         | 0.6           | 6.1        | W          | —                 |
| 10   | 24    | 11.5            | 18.1       | 5.8        | 13.9             | 14.6 | 15.4 | 17.2 | 18.7 | 19.2         | 82.3   | 0.0         |         | 0.5           | 5.2        | S          | —                 |
| 10   | 25    | 11.2            | 17.7       | 6.6        | 14.3             | 15.0 | 15.6 | 17.0 | 18.6 | 19.1         | 84.6   | 0.0         |         | 0.5           | 4.3        | SSW        | —                 |
| 10   | 26    | 12.3            | 15.3       | 8.5        | 14.0             | 14.8 | 15.5 | 17.0 | 18.4 | 19.0         | 97.5   | 19.0        |         | 0.1           | 5.0        | W          | —                 |
| 10   | 27    | 12.2            | 14.4       | 8.7        | 13.5             | 14.5 | 15.2 | 16.7 | 18.2 | 19.0         | 99.6   | 84.0        |         | 0.1           | 2.8        | NW         | —                 |
| 10   | 28    | 12.5            | 20.1       | 7.2        | 13.1             | 13.6 | 14.3 | 16.2 | 17.8 | 19.0         | 82.3   | 0.0         |         | 0.6           | 5.5        | SSW        | —                 |
| 10   | 29    | 14.5            | 20.8       | 9.6        | 13.6             | 14.1 | 14.6 | 16.0 | 17.7 | 18.9         | 72.7   | 0.0         |         | 1.2           | 11.0       | W          | —                 |
| 10   | 30    | 12.9            | 19.1       | 8.5        | 13.9             | 14.3 | 14.8 | 16.0 | 17.5 | 18.8         | 85.1   | 6.0         |         | 0.6           | 5.2        | SE         | —                 |
| 10   | 31    | 11.7            | 15.2       | 10.1       | 14.0             | 14.5 | 15.0 | 16.0 | 17.4 | 18.6         | 94.9   | 0.5         |         | 0.1           | 3.7        | E          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 133.0       |         |               |            |            |                   |
| 平均   | Mean  | 12.9            | 18.0       | 9.3        | 15.6             | 16.4 | 17.1 | 18.6 | 19.7 | 19.6         | 88.4   | 4.3         |         | 0.4           | 4.4        |            |                   |
| 最大   | Max.  | 17.2            | 23.9       | 12.9       | 19.2             | 19.3 | 19.6 | 21.3 | 21.7 | 20.1         | 99.6   | 84.0        |         | 1.2           | 11.0       |            |                   |
| 最低   | Min.  | 9.2             | 11.4       | 2.7        | 13.1             | 13.6 | 14.3 | 16.0 | 17.4 | 18.6         | 72.7   | 0.0         |         | 0.0           | 1.9        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 11月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 12.6            | 19.6       | 8.5        | 14.2             | 14.6 | 15.0 | 16.0 | 17.3 | 18.6         | 87.0   | 0.0         |         | 0.3           | 3.7        | SSE        | —                 |
| 11   | 2     | 10.3            | 11.7       | 8.4        | 13.5             | 14.5 | 15.0 | 16.1 | 17.2 | 18.5         | 93.8   | 0.0         |         | 0.2           | 3.4        | E          | —                 |
| 11   | 3     | 9.8             | 16.0       | 6.6        | 13.2             | 14.0 | 14.6 | 16.0 | 17.2 | 18.4         | 85.4   | 0.0         |         | 0.4           | 3.8        | S          | —                 |
| 11   | 4     | 9.9             | 17.1       | 4.8        | 12.8             | 13.7 | 14.4 | 15.9 | 17.1 | 18.3         | 81.2   | 0.0         |         | 0.5           | 4.2        | SSE        | —                 |
| 11   | 5     | 9.8             | 16.2       | 5.3        | 12.8             | 13.5 | 14.2 | 15.7 | 17.0 | 18.2         | 88.3   | 1.5         |         | 0.5           | 5.5        | SE         | —                 |
| 11   | 6     | 11.2            | 14.4       | 9.2        | 13.0             | 13.7 | 14.2 | 15.6 | 16.9 | 18.1         | 97.8   | 5.0         |         | 0.0           | 2.2        | WNW        | —                 |
| 11   | 7     | 10.3            | 17.1       | 4.6        | 13.2             | 13.8 | 14.4 | 15.6 | 16.8 | 18.1         | 85.7   | 0.0         |         | 0.3           | 4.0        | SSE        | —                 |
| 11   | 8     | 8.8             | 16.7       | 3.8        | 11.8             | 13.0 | 13.9 | 15.5 | 16.8 | 18.0         | 82.8   | 0.0         |         | 0.5           | 4.1        | S          | —                 |
| 11   | 9     | 9.9             | 18.0       | 5.2        | 11.7             | 12.7 | 13.5 | 15.3 | 16.7 | 17.9         | 79.6   | 0.0         |         | 0.4           | 4.7        | ESE        | —                 |
| 11   | 10    | 8.4             | 9.2        | 7.8        | 11.8             | 12.8 | 13.5 | 15.1 | 16.6 | 17.9         | 99.7   | 6.0         |         | 0.2           | 3.1        | ESE        | —                 |
| 11   | 11    | 9.1             | 12.4       | 5.0        | 11.8             | 12.6 | 13.3 | 15.0 | 16.5 | 17.8         | 98.4   | 3.0         |         | 0.1           | 2.9        | ENE        | —                 |
| 11   | 12    | 8.2             | 16.9       | 2.1        | 10.8             | 12.1 | 12.9 | 14.8 | 16.4 | 17.7         | 73.6   | 0.0         |         | 1.0           | 10.6       | WNW        | —                 |
| 11   | 13    | 11.1            | 18.8       | 5.4        | 11.4             | 12.1 | 12.8 | 14.6 | 16.3 | 17.7         | 68.5   | 0.0         |         | 0.8           | 6.1        | WNW        | —                 |
| 11   | 14    | 8.7             | 16.8       | 4.0        | 10.9             | 11.9 | 12.7 | 14.4 | 16.2 | 17.6         | 82.6   | 0.0         |         | 0.6           | 4.6        | SSW        | —                 |
| 11   | 15    | 9.5             | 18.9       | 4.0        | 10.7             | 11.7 | 12.5 | 14.3 | 16.0 | 17.5         | 69.5   | 0.0         |         | 0.7           | 4.3        | WSW        | —                 |
| 11   | 16    | 4.7             | 10.2       | -0.1       | 9.3              | 11.0 | 12.0 | 14.1 | 15.9 | 17.5         | 85.5   | 0.0         |         | 0.4           | 4.0        | ESE        | —                 |
| 11   | 17    | 3.3             | 10.4       | -1.5       | 8.1              | 9.8  | 11.1 | 13.8 | 15.8 | 17.4         | 84.9   | 0.0         |         | 0.5           | 5.2        | S          | —                 |
| 11   | 18    | 6.8             | 16.0       | 1.4        | 8.5              | 9.7  | 10.7 | 13.4 | 15.7 | 17.4         | 57.2   | 0.0         |         | 1.4           | 11.0       | W          | —                 |
| 11   | 19    | 3.0             | 10.3       | -1.5       | 8.1              | 9.6  | 10.6 | 13.1 | 15.5 | 17.3         | 59.9   | 0.0         |         | 0.8           | 5.6        | SSE        | —                 |
| 11   | 20    | 6.1             | 16.6       | -1.8       | 8.0              | 9.2  | 10.2 | 12.9 | 15.4 | 17.2         | 59.0   | 0.0         |         | 1.1           | 8.8        | SW         | —                 |
| 11   | 21    | 5.6             | 13.0       | 0.9        | 7.8              | 9.0  | 10.0 | 12.6 | 15.2 | 17.1         | 55.5   | 0.0         |         | 1.0           | 9.1        | WSW        | —                 |
| 11   | 22    | 2.1             | 9.5        | -2.4       | 6.9              | 8.6  | 9.7  | 12.4 | 15.0 | 17.1         | 61.9   | 0.0         |         | 1.2           | 12.2       | WSW        | —                 |
| 11   | 23    | 1.5             | 11.3       | -3.5       | 5.7              | 7.5  | 8.8  | 12.1 | 14.9 | 17.0         | 62.7   | 0.0         |         | 0.7           | 4.7        | S          | —                 |
| 11   | 24    | 3.7             | 13.2       | -2.7       | 5.8              | 7.2  | 8.4  | 11.6 | 14.7 | 17.0         | 64.8   | 0.0         |         | 0.6           | 3.7        | WSW        | —                 |
| 11   | 25    | 6.5             | 15.5       | 1.8        | 6.8              | 7.6  | 8.5  | 11.3 | 14.5 | 16.9         | 60.7   | 0.0         |         | 0.7           | 4.0        | WSW        | —                 |
| 11   | 26    | 7.8             | 16.2       | 1.6        | 7.0              | 7.8  | 8.6  | 11.1 | 14.3 | 16.8         | 50.6   | 0.0         |         | 0.6           | 4.0        | W          | —                 |
| 11   | 27    | 6.6             | 8.9        | 4.8        | 7.3              | 8.1  | 8.9  | 11.1 | 14.1 | 16.7         | 72.8   | 0.0         |         | 0.1           | 3.6        | N          | —                 |
| 11   | 28    | 5.6             | 9.4        | 4.0        | 7.6              | 8.3  | 9.0  | 11.0 | 13.9 | 16.6         | 78.7   | 0.0         |         | 0.3           | 3.8        | ESE        | —                 |
| 11   | 29    | 3.9             | 5.7        | 3.0        | 7.3              | 8.2  | 9.0  | 11.0 | 13.7 | 16.5         | 85.2   | 0.0         |         | 0.1           | 3.7        | ESE        | —                 |
| 11   | 30    | 4.1             | 6.3        | 1.7        | 7.0              | 8.0  | 8.8  | 10.9 | 13.6 | 16.4         | 91.6   | 0.0         |         | 0.0           | 2.3        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 15.5        |         |               |            |            |                   |
| 平均   | Mean  | 7.3             | 13.7       | 3.0        | 9.8              | 10.9 | 11.7 | 13.7 | 15.8 | 17.5         | 76.8   | 0.5         |         | 0.5           | 5.1        |            |                   |
| 最大   | Max.  | 12.6            | 19.6       | 9.2        | 14.2             | 14.6 | 15.0 | 16.1 | 17.3 | 18.6         | 99.7   | 6.0         |         | 1.4           | 12.2       |            |                   |
| 最低   | Min.  | 1.5             | 5.7        | -3.5       | 5.7              | 7.2  | 8.4  | 10.9 | 13.6 | 16.4         | 50.6   | 0.0         |         | 0.0           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2007年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |      |      |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|------|------|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |      |      |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |      |      |           |        |          |         | Mean          | Max. | Dir. |                |
| 12   | 1     | 5.4             | 13.8 | -0.3 | 7.5              | 8.1 | 8.8 | 10.9 | 13.5 | 16.4      | 80.3   | 0.0      |         | 0.5           | 4.3  | SSW  | —              |
| 12   | 2     | 4.8             | 13.7 | 0.1  | 6.9              | 7.9 | 8.7 | 10.8 | 13.4 | 16.3      | 72.8   | 0.0      |         | 0.6           | 4.3  | SSW  | —              |
| 12   | 3     | 5.4             | 11.1 | 1.1  | 6.2              | 7.5 | 8.4 | 10.7 | 13.3 | 16.2      | 73.3   | 0.0      |         | 0.7           | 10.7 | WNW  | —              |
| 12   | 4     | 3.6             | 11.7 | -1.0 | 5.9              | 7.1 | 8.0 | 10.5 | 13.1 | 16.1      | 63.6   | 0.0      |         | 0.9           | 10.0 | WSW  | —              |
| 12   | 5     | 1.7             | 11.3 | -2.9 | 5.0              | 6.5 | 7.6 | 10.3 | 13.0 | 16.0      | 61.6   | 0.0      |         | 0.6           | 4.9  | SW   | —              |
| 12   | 6     | 2.5             | 12.0 | -2.6 | 4.5              | 5.9 | 7.0 | 10.0 | 12.9 | 15.9      | 57.2   | 0.0      |         | 0.6           | 4.0  | SW   | —              |
| 12   | 7     | 5.8             | 15.1 | -0.6 | 5.5              | 6.1 | 6.9 | 9.7  | 12.8 | 15.9      | 56.1   | 0.0      |         | 0.8           | 7.0  | W    | —              |
| 12   | 8     | 4.4             | 12.5 | 0.3  | 5.7              | 6.4 | 7.2 | 9.5  | 12.6 | 15.8      | 72.1   | 0.0      |         | 0.6           | 4.6  | SSE  | —              |
| 12   | 9     | 3.3             | 12.9 | -1.4 | 5.4              | 6.3 | 7.2 | 9.4  | 12.4 | 15.7      | 67.9   | 0.0      |         | 0.8           | 8.5  | WSW  | —              |
| 12   | 10    | 2.3             | 11.0 | -2.8 | 4.3              | 5.6 | 6.7 | 9.3  | 12.3 | 15.6      | 57.4   | 0.0      |         | 0.6           | 4.0  | SW   | —              |
| 12   | 11    | 2.9             | 9.4  | -0.8 | 4.7              | 5.6 | 6.5 | 9.1  | 12.2 | 15.5      | 76.2   | 0.0      |         | 0.4           | 4.6  | SE   | —              |
| 12   | 12    | 6.6             | 15.0 | 1.2  | 6.0              | 6.1 | 6.7 | 9.0  | 12.0 | 15.4      | 79.8   | 3.0      |         | 0.6           | 5.7  | SE   | —              |
| 12   | 13    | 4.0             | 5.4  | 1.5  | 6.4              | 6.9 | 7.4 | 9.0  | 11.8 | 15.3      | 99.4   | 3.5      |         | 0.1           | 3.3  | ESE  | —              |
| 12   | 14    | 2.3             | 11.3 | -2.1 | 5.4              | 6.4 | 7.1 | 9.1  | 11.7 | 15.2      | 81.2   | 0.0      |         | 0.5           | 7.3  | WSW  | —              |
| 12   | 15    | 0.8             | 8.5  | -2.7 | 3.8              | 5.3 | 6.4 | 8.9  | 11.7 | 15.1      | 77.4   | 0.0      |         | 0.4           | 3.4  | SW   | —              |
| 12   | 16    | 0.3             | 7.1  | -3.9 | 3.3              | 4.7 | 5.8 | 8.7  | 11.6 | 15.0      | 68.7   | 0.0      |         | 0.8           | 9.7  | WSW  | —              |
| 12   | 17    | 0.3             | 8.6  | -4.5 | 2.5              | 4.0 | 5.2 | 8.4  | 11.5 | 15.0      | 60.4   | 0.0      |         | 0.7           | 3.3  | W    | —              |
| 12   | 18    | 1.4             | 9.6  | -2.1 | 2.9              | 4.0 | 5.0 | 8.0  | 11.3 | 14.9      | 70.5   | 0.0      |         | 0.7           | 5.7  | W    | —              |
| 12   | 19    | 1.0             | 7.7  | -2.2 | 2.8              | 3.9 | 4.9 | 7.8  | 11.2 | 14.8      | 73.4   | 0.0      |         | 0.5           | 5.2  | SE   | —              |
| 12   | 20    | 1.5             | 11.6 | -3.3 | 3.1              | 4.0 | 4.9 | 7.6  | 11.0 | 14.7      | 72.5   | 0.0      |         | 0.5           | 4.9  | SSE  | —              |
| 12   | 21    | 2.6             | 13.1 | -2.1 | 3.3              | 4.1 | 4.9 | 7.5  | 10.9 | 14.6      | 68.1   | 0.0      |         | 0.4           | 4.5  | SE   | —              |
| 12   | 22    | 1.2             | 4.6  | -1.6 | 3.0              | 4.0 | 4.9 | 7.4  | 10.7 | 14.5      | 80.4   | 1.5      |         | 0.2           | 2.8  | ESE  | 7              |
| 12   | 23    | 2.8             | 9.5  | -0.5 | 3.3              | 4.2 | 5.0 | 7.3  | 10.6 | 14.4      | 95.4   | 9.5      |         | 0.2           | 3.1  | WSW  | —              |
| 12   | 24    | 2.5             | 7.3  | -1.7 | 3.3              | 4.1 | 4.9 | 7.2  | 10.4 | 14.3      | 75.6   | 0.0      |         | 0.9           | 8.4  | WNW  | —              |
| 12   | 25    | 0.4             | 4.9  | -2.4 | 2.2              | 3.5 | 4.5 | 7.1  | 10.3 | 14.3      | 69.8   | 0.0      |         | 0.1           | 3.4  | WNW  | —              |
| 12   | 26    | -0.1            | 7.6  | -3.6 | 2.1              | 3.2 | 4.2 | 6.9  | 10.2 | 14.2      | 71.0   | 0.0      |         | 0.4           | 4.2  | SSE  | —              |
| 12   | 27    | 0.8             | 9.3  | -4.0 | 2.2              | 3.1 | 4.0 | 6.7  | 10.1 | 14.1      | 72.8   | 0.0      |         | 0.4           | 3.9  | S    | —              |
| 12   | 28    | 2.9             | 8.5  | -0.8 | 2.9              | 3.4 | 4.1 | 6.5  | 9.9  | 14.0      | 70.2   | 3.0      |         | 0.5           | 4.5  | WSW  | —              |
| 12   | 29    | 6.6             | 14.0 | 2.1  | 5.0              | 4.5 | 4.8 | 6.4  | 9.8  | 13.9      | 95.6   | 19.5     |         | 0.2           | 3.6  | E    | —              |
| 12   | 30    | 2.9             | 7.9  | -1.4 | 4.9              | 5.3 | 5.6 | 6.6  | 9.6  | 13.8      | 73.3   | 0.0      |         | 1.3           | 11.9 | WNW  | —              |
| 12   | 31    | 0.9             | 5.7  | -2.0 | 3.1              | 4.2 | 5.0 | 6.7  | 9.5  | 13.7      | 42.5   | 0.0      |         | 3.3           | 12.6 | W    | —              |
| 計    | Total |                 |      |      |                  |     |     |      |      |           |        | 40.0     |         |               |      |      |                |
| 平均   | Mean  | 2.7             | 10.1 | -1.5 | 4.3              | 5.2 | 6.1 | 8.5  | 11.5 | 15.0      | 72.1   | 1.3      |         | 0.6           | 5.7  |      | 7.0            |
| 最大   | Max.  | 6.6             | 15.1 | 2.1  | 7.5              | 8.1 | 8.8 | 10.9 | 13.5 | 16.4      | 99.4   | 19.5     |         | 3.3           | 12.6 |      | 7.0            |
| 最低   | Min.  | -0.1            | 4.6  | -4.5 | 2.1              | 3.1 | 4.0 | 6.4  | 9.5  | 13.7      | 42.5   | 0.0      |         | 0.1           | 2.8  |      | 7.0            |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -0.7            | 5.2        | -4.5       | 1.9              | 3.3 | 4.4 | 6.6 | 9.4 | 13.6         | 53.2   | 0.0         |         | 1.2           | 8.2        | W          | —                 |
| 01   | 2     | -0.9            | 8.2        | -5.9       | 1.6              | 2.7 | 3.8 | 6.4 | 9.4 | 13.5         | 56.9   | 0.0         |         | 0.8           | 4.3        | W          | —                 |
| 01   | 3     | 0.2             | 8.8        | -4.8       | 1.7              | 2.6 | 3.5 | 6.1 | 9.3 | 13.5         | 59.5   | 0.0         |         | 0.7           | 4.3        | SW         | —                 |
| 01   | 4     | 0.9             | 10.2       | -3.3       | 2.1              | 2.8 | 3.5 | 5.9 | 9.1 | 13.4         | 63.9   | 0.0         |         | 0.8           | 5.7        | WSW        | —                 |
| 01   | 5     | -0.2            | 7.3        | -3.4       | 1.9              | 2.7 | 3.5 | 5.8 | 9.0 | 13.3         | 74.5   | 0.0         |         | 0.5           | 5.0        | S          | —                 |
| 01   | 6     | 3.9             | 12.8       | -2.4       | 2.4              | 2.8 | 3.5 | 5.7 | 8.9 | 13.2         | 49.0   | 0.0         |         | 1.0           | 6.9        | NW         | —                 |
| 01   | 7     | 2.2             | 8.2        | -1.1       | 2.3              | 3.0 | 3.7 | 5.6 | 8.7 | 13.1         | 70.9   | 0.0         |         | 0.5           | 4.3        | E          | —                 |
| 01   | 8     | 4.0             | 13.5       | -1.7       | 3.1              | 3.2 | 3.7 | 5.6 | 8.6 | 13.0         | 67.6   | 0.0         |         | 0.7           | 4.7        | S          | —                 |
| 01   | 9     | 4.8             | 12.6       | -0.1       | 4.3              | 4.1 | 4.4 | 5.6 | 8.5 | 12.9         | 65.5   | 0.0         |         | 0.7           | 4.4        | SE         | —                 |
| 01   | 10    | 1.7             | 9.1        | -2.4       | 3.2              | 3.9 | 4.4 | 5.8 | 8.4 | 12.8         | 64.4   | 0.0         |         | 0.7           | 4.4        | S          | —                 |
| 01   | 11    | 3.9             | 12.4       | -1.6       | 3.3              | 3.6 | 4.2 | 5.8 | 8.4 | 12.7         | 62.9   | 0.0         |         | 0.7           | 5.0        | SSE        | —                 |
| 01   | 12    | 2.0             | 3.9        | -0.4       | 3.3              | 3.9 | 4.5 | 5.8 | 8.3 | 12.6         | 93.3   | 7.0         |         | 0.1           | 3.6        | NE         | 2                 |
| 01   | 13    | -1.5            | 4.2        | -5.8       | 3.0              | 3.6 | 4.3 | 5.8 | 8.3 | 12.5         | 70.2   | 0.0         |         | 0.7           | 5.5        | WSW        | —                 |
| 01   | 14    | -2.4            | 3.2        | -7.0       | 1.4              | 2.7 | 3.7 | 5.8 | 8.2 | 12.4         | 69.0   | 0.0         |         | 0.6           | 3.8        | SE         | —                 |
| 01   | 15    | -1.7            | 6.7        | -7.0       | 1.5              | 2.3 | 3.2 | 5.5 | 8.2 | 12.3         | 66.2   | 0.0         |         | 0.7           | 4.6        | SSW        | —                 |
| 01   | 16    | 0.3             | 8.0        | -3.9       | 2.0              | 2.5 | 3.2 | 5.3 | 8.1 | 12.2         | 67.2   | 0.0         |         | 0.6           | 5.2        | SE         | —                 |
| 01   | 17    | -1.4            | 4.6        | -5.5       | 2.6              | 2.9 | 3.5 | 5.3 | 8.0 | 12.2         | 58.1   | 0.0         |         | 1.0           | 6.7        | SW         | 0.5               |
| 01   | 18    | -3.4            | 2.4        | -7.2       | 0.9              | 2.2 | 3.2 | 5.2 | 8.0 | 12.1         | 68.1   | 0.0         |         | 0.4           | 3.4        | SW         | —                 |
| 01   | 19    | -2.3            | 5.7        | -6.8       | 0.8              | 1.7 | 2.7 | 5.1 | 7.9 | 12.0         | 54.9   | 0.0         |         | 0.7           | 6.0        | SW         | —                 |
| 01   | 20    | -1.4            | 6.5        | -6.5       | 0.6              | 1.5 | 2.5 | 4.9 | 7.8 | 11.9         | 57.7   | 0.0         |         | 0.7           | 4.0        | SSW        | —                 |
| 01   | 21    | -0.7            | 3.1        | -3.0       | 1.6              | 1.9 | 2.6 | 4.7 | 7.7 | 11.9         | 81.1   | 0.0         |         | 0.5           | 5.6        | SE         | 0.3               |
| 01   | 22    | -1.7            | 3.7        | -5.7       | 1.7              | 2.2 | 2.9 | 4.7 | 7.6 | 11.8         | 78.5   | 0.0         |         | 0.5           | 4.3        | SSE        | 0.5               |
| 01   | 23    | -1.5            | 0.9        | -3.7       | 0.9              | 1.9 | 2.8 | 4.7 | 7.5 | 11.7         | 93.4   | 6.0         |         | 0.0           | 0.0        | —          | —                 |
| 01   | 24    | -1.8            | 2.6        | -5.3       | 1.4              | 2.1 | 2.8 | 4.7 | 7.4 | 11.6         | 70.8   | 0.0         |         | 1.9           | 13.6       | W          | 9                 |
| 01   | 25    | -3.7            | 3.0        | -8.3       | 0.8              | 1.7 | 2.6 | 4.6 | 7.4 | 11.6         | 50.0   | 0.0         |         | 1.4           | 9.0        | W          | —                 |
| 01   | 26    | -3.6            | 5.4        | -9.8       | 0.5              | 1.3 | 2.3 | 4.5 | 7.3 | 11.5         | 54.2   | 0.0         |         | 1.0           | 4.6        | WSW        | —                 |
| 01   | 27    | -3.3            | 6.0        | -8.5       | 0.4              | 1.1 | 2.0 | 4.4 | 7.2 | 11.5         | 48.5   | 0.0         |         | 1.1           | 5.9        | W          | —                 |
| 01   | 28    | -2.7            | 4.5        | -8.8       | 0.0              | 0.9 | 1.8 | 4.2 | 7.2 | 11.4         | 56.5   | 0.0         |         | 0.7           | 5.0        | S          | —                 |
| 01   | 29    | -0.1            | 3.7        | -3.1       | 0.1              | 0.9 | 1.7 | 4.1 | 7.1 | 11.3         | 83.6   | 0.0         |         | 0.2           | 3.4        | S          | —                 |
| 01   | 30    | 1.7             | 10.2       | -2.2       | 1.9              | 1.6 | 2.1 | 4.0 | 7.0 | 11.2         | 83.7   | 0.0         |         | 0.5           | 4.0        | SW         | 2                 |
| 01   | 31    | -0.3            | 6.9        | -5.9       | 2.0              | 2.1 | 2.5 | 4.0 | 6.8 | 11.1         | 62.1   | 0.0         |         | 1.0           | 8.9        | WSW        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 13.0        |         |               |            |            |                   |
| 平均   | Mean  | -0.3            | 6.6        | -4.7       | 1.8              | 2.5 | 3.2 | 5.2 | 8.1 | 12.3         | 66.3   | 0.4         |         | 0.7           | 5.3        |            | 2.4               |
| 最大   | Max.  | 4.8             | 13.5       | -0.1       | 4.3              | 4.1 | 4.5 | 6.6 | 9.4 | 13.6         | 93.4   | 7.0         |         | 1.9           | 13.6       |            | 9.0               |
| 最低   | Min.  | -3.7            | 0.9        | -9.8       | 0.0              | 0.9 | 1.7 | 4.0 | 6.8 | 11.1         | 48.5   | 0.0         |         | 0.0           | 0.0        |            | 0.3               |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | -1.8            | 7.0        | -6.7       | 1.4              | 1.9 | 2.5 | 4.1 | 6.8 | 11.1         | 55.9   | 0.0         |         | 0.9           | 7.3        | WSW        | —                 |
| 02   | 2     | -1.6            | 5.0        | -6.6       | 0.8              | 1.5 | 2.3 | 4.1 | 6.7 | 11.0         | 58.3   | 0.0         |         | 0.8           | 4.3        | S          | —                 |
| 02   | 3     | -2.2            | -0.1       | -3.9       | 0.8              | 1.5 | 2.2 | 4.0 | 6.6 | 10.9         | 95.3   | 9.5         |         | 0.2           | 3.4        | ESE        | —                 |
| 02   | 4     | -1.4            | 5.4        | -6.3       | 1.1              | 1.6 | 2.3 | 4.0 | 6.6 | 10.9         | 89.1   | 1.0         |         | 0.2           | 3.4        | NNE        | 13                |
| 02   | 5     | -1.5            | 6.6        | -7.1       | 1.6              | 1.9 | 2.4 | 4.0 | 6.5 | 10.8         | 81.4   | 0.0         |         | 0.5           | 3.7        | SSW        | 4                 |
| 02   | 6     | -2.6            | 2.2        | -6.0       | 0.9              | 1.7 | 2.3 | 4.0 | 6.5 | 10.7         | 88.5   | 0.5         |         | 0.3           | 3.8        | SSE        | —                 |
| 02   | 7     | -1.6            | 7.2        | -6.3       | 2.1              | 2.0 | 2.4 | 3.9 | 6.4 | 10.6         | 70.1   | 0.0         |         | 0.8           | 7.1        | WSW        | 2                 |
| 02   | 8     | -2.4            | 7.3        | -8.4       | 1.6              | 1.9 | 2.5 | 3.9 | 6.4 | 10.6         | 56.4   | 0.0         |         | 1.1           | 7.0        | WSW        | —                 |
| 02   | 9     | -3.9            | 1.0        | -8.2       | 0.3              | 1.4 | 2.2 | 3.9 | 6.3 | 10.5         | 80.1   | 6.5         |         | 0.5           | 5.3        | ESE        | —                 |
| 02   | 10    | 0.1             | 7.2        | -4.6       | 1.1              | 1.4 | 2.0 | 3.8 | 6.3 | 10.4         | 77.0   | 0.0         |         | 0.6           | 7.2        | W          | 15                |
| 02   | 11    | -0.6            | 7.8        | -6.4       | 1.6              | 1.7 | 2.1 | 3.7 | 6.2 | 10.4         | 70.6   | 0.0         |         | 0.7           | 4.7        | SSW        | —                 |
| 02   | 12    | -0.5            | 2.1        | -3.6       | 1.1              | 1.7 | 2.2 | 3.7 | 6.1 | 10.3         | 91.3   | 2.0         |         | 0.0           | 2.5        | WSW        | —                 |
| 02   | 13    | -3.8            | 2.8        | -8.7       | 1.9              | 1.9 | 2.3 | 3.7 | 6.1 | 10.2         | 51.3   | 0.0         |         | 0.9           | 8.8        | W          | —                 |
| 02   | 14    | -1.6            | 7.2        | -7.5       | 1.4              | 1.7 | 2.3 | 3.7 | 6.0 | 10.2         | 43.2   | 0.0         |         | 1.4           | 10.9       | W          | —                 |
| 02   | 15    | -0.6            | 8.9        | -7.7       | 1.6              | 1.8 | 2.2 | 3.7 | 6.0 | 10.1         | 49.0   | 0.0         |         | 1.3           | 8.1        | W          | —                 |
| 02   | 16    | -1.1            | 6.5        | -7.3       | 1.7              | 1.9 | 2.4 | 3.7 | 5.9 | 10.0         | 47.2   | 0.0         |         | 1.1           | 7.9        | WSW        | —                 |
| 02   | 17    | -4.4            | 3.0        | -8.3       | 0.5              | 1.4 | 2.2 | 3.7 | 5.9 | 10.0         | 61.3   | 0.0         |         | 1.0           | 7.3        | W          | —                 |
| 02   | 18    | -1.6            | 7.9        | -8.5       | 1.1              | 1.3 | 1.9 | 3.6 | 5.8 | 9.9          | 51.7   | 0.0         |         | 0.9           | 4.9        | S          | —                 |
| 02   | 19    | -1.7            | 6.5        | -7.6       | 1.0              | 1.4 | 1.9 | 3.5 | 5.8 | 9.8          | 61.8   | 0.0         |         | 0.8           | 4.9        | SSW        | —                 |
| 02   | 20    | 1.6             | 10.6       | -6.2       | 2.1              | 1.8 | 2.1 | 3.5 | 5.7 | 9.8          | 51.1   | 0.0         |         | 1.2           | 7.4        | WSW        | —                 |
| 02   | 21    | 2.8             | 11.9       | -2.8       | 3.1              | 2.6 | 2.7 | 3.5 | 5.7 | 9.7          | 39.5   | 0.0         |         | 1.5           | 8.8        | W          | —                 |
| 02   | 22    | 2.6             | 12.6       | -4.6       | 3.3              | 2.9 | 3.0 | 3.7 | 5.6 | 9.6          | 55.8   | 0.0         |         | 0.8           | 4.0        | SSW        | —                 |
| 02   | 23    | 0.5             | 13.0       | -6.8       | 3.1              | 3.1 | 3.3 | 3.8 | 5.6 | 9.6          | 66.5   | 0.0         |         | 1.4           | 9.7        | WSW        | —                 |
| 02   | 24    | -3.1            | 2.6        | -6.8       | 2.5              | 2.8 | 3.2 | 4.0 | 5.6 | 9.5          | 47.6   | 0.0         |         | 2.4           | 14.3       | WSW        | —                 |
| 02   | 25    | -1.6            | 7.3        | -8.1       | 2.2              | 2.4 | 2.9 | 4.0 | 5.6 | 9.5          | 48.7   | 0.0         |         | 1.0           | 7.0        | SSW        | —                 |
| 02   | 26    | 1.8             | 10.0       | -5.5       | 2.1              | 2.3 | 2.8 | 4.0 | 5.6 | 9.4          | 70.4   | 12.0        |         | 2.5           | 15.4       | W          | —                 |
| 02   | 27    | -0.8            | 4.4        | -5.5       | 3.3              | 3.1 | 3.2 | 4.0 | 5.6 | 9.3          | 65.6   | 0.0         |         | 1.2           | 8.4        | W          | —                 |
| 02   | 28    | 0.2             | 9.3        | -5.3       | 3.6              | 3.3 | 3.4 | 4.1 | 5.6 | 9.3          | 49.8   | 0.0         |         | 1.2           | 8.3        | W          | —                 |
| 02   | 29    | 2.0             | 12.3       | -5.4       | 3.7              | 3.5 | 3.6 | 4.2 | 5.6 | 9.2          | 58.1   | 0.0         |         | 0.9           | 5.0        | SW         | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 31.5        |         |               |            |            |                   |
| 平均   | Mean  | -1.0            | 6.7        | -6.4       | 1.8              | 2.0 | 2.5 | 3.8 | 6.0 | 10.1         | 63.2   | 1.1         |         | 1.0           | 6.9        |            | 8.5               |
| 最大   | Max.  | 2.8             | 13.0       | -2.8       | 3.7              | 3.5 | 3.6 | 4.2 | 6.8 | 11.1         | 95.3   | 12.0        |         | 2.5           | 15.4       |            | 15.0              |
| 最低   | Min.  | -4.4            | -0.1       | -8.7       | 0.3              | 1.3 | 1.9 | 3.5 | 5.6 | 9.2          | 39.5   | 0.0         |         | 0.0           | 2.5        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 2.1             | 8.8        | -3.5       | 3.2              | 3.5 | 3.7 | 4.3 | 5.7 | 9.2          | 55.4   | 0.0         |         | 1.2           | 14.9       | NW         | —                 |
| 03   | 2     | 1.4             | 10.3       | -4.9       | 3.1              | 3.2 | 3.5 | 4.3 | 5.7 | 9.1          | 58.5   | 0.0         |         | 0.8           | 4.6        | S          | —                 |
| 03   | 3     | 1.4             | 8.8        | -2.2       | 2.6              | 3.1 | 3.6 | 4.4 | 5.7 | 9.1          | 77.5   | 1.5         |         | 0.6           | 5.4        | SSW        | —                 |
| 03   | 4     | 0.8             | 9.2        | -4.5       | 3.4              | 3.3 | 3.6 | 4.4 | 5.7 | 9.1          | 71.0   | 0.0         |         | 0.5           | 5.2        | SE         | —                 |
| 03   | 5     | -0.1            | 5.4        | -4.0       | 3.2              | 3.4 | 3.8 | 4.4 | 5.7 | 9.0          | 47.5   | 0.0         |         | 1.2           | 8.4        | WSW        | —                 |
| 03   | 6     | 0.7             | 9.4        | -6.1       | 3.1              | 3.1 | 3.6 | 4.5 | 5.8 | 9.0          | 46.6   | 0.0         |         | 1.0           | 4.9        | SSW        | —                 |
| 03   | 7     | 1.5             | 11.4       | -3.7       | 4.1              | 3.7 | 3.9 | 4.5 | 5.8 | 8.9          | 66.5   | 0.0         |         | 0.8           | 6.1        | SSE        | —                 |
| 03   | 8     | 2.2             | 12.9       | -4.7       | 4.5              | 4.1 | 4.2 | 4.6 | 5.8 | 8.9          | 51.0   | 0.0         |         | 1.0           | 4.9        | SSW        | —                 |
| 03   | 9     | 4.7             | 15.7       | -3.2       | 4.9              | 4.4 | 4.4 | 4.7 | 5.8 | 8.9          | 51.2   | 0.0         |         | 0.9           | 4.5        | WNW        | —                 |
| 03   | 10    | 2.8             | 8.2        | 0.5        | 4.0              | 4.4 | 4.7 | 4.9 | 5.8 | 8.8          | 89.1   | 9.0         |         | 0.3           | 3.6        | NW         | —                 |
| 03   | 11    | 7.3             | 19.5       | -1.1       | 6.2              | 5.0 | 4.8 | 5.0 | 5.9 | 8.8          | 70.4   | 0.0         |         | 0.6           | 4.9        | SSE        | —                 |
| 03   | 12    | 4.5             | 11.8       | 0.5        | 5.9              | 5.7 | 5.6 | 5.2 | 5.9 | 8.8          | 73.0   | 0.0         |         | 0.9           | 6.2        | ESE        | —                 |
| 03   | 13    | 4.6             | 13.0       | -0.2       | 7.0              | 6.1 | 5.9 | 5.5 | 5.9 | 8.7          | 75.9   | 0.0         |         | 0.6           | 4.8        | SSE        | —                 |
| 03   | 14    | 5.4             | 9.5        | 1.7        | 6.2              | 6.2 | 6.2 | 5.7 | 6.0 | 8.7          | 89.7   | 1.5         |         | 0.6           | 5.2        | ESE        | —                 |
| 03   | 15    | 10.0            | 19.2       | 4.0        | 9.0              | 7.3 | 6.7 | 6.0 | 6.1 | 8.7          | 73.7   | 0.0         |         | 0.6           | 5.5        | S          | —                 |
| 03   | 16    | 8.9             | 15.6       | 3.9        | 9.8              | 8.5 | 7.9 | 6.4 | 6.2 | 8.6          | 76.1   | 0.0         |         | 0.8           | 6.0        | S          | —                 |
| 03   | 17    | 8.7             | 16.4       | 2.2        | 9.9              | 8.8 | 8.3 | 6.8 | 6.3 | 8.6          | 74.2   | 0.0         |         | 0.8           | 4.8        | SE         | —                 |
| 03   | 18    | 7.9             | 15.3       | 3.9        | 10.5             | 9.4 | 8.9 | 7.2 | 6.4 | 8.6          | 79.7   | 0.0         |         | 0.6           | 5.4        | SE         | —                 |
| 03   | 19    | 5.2             | 8.3        | 3.5        | 8.2              | 8.6 | 8.7 | 7.6 | 6.6 | 8.6          | 90.8   | 9.5         |         | 0.4           | 3.4        | ESE        | —                 |
| 03   | 20    | 2.1             | 4.0        | 0.9        | 5.4              | 6.7 | 7.5 | 7.7 | 6.8 | 8.6          | 99.7   | 40.0        |         | 0.1           | 2.4        | ENE        | —                 |
| 03   | 21    | 4.6             | 10.4       | 1.7        | 5.9              | 6.0 | 6.5 | 7.4 | 7.0 | 8.6          | 89.9   | 0.0         |         | 0.2           | 3.6        | W          | —                 |
| 03   | 22    | 8.9             | 20.3       | 0.9        | 8.3              | 7.2 | 7.1 | 7.2 | 7.1 | 8.5          | 60.5   | 0.0         |         | 0.8           | 4.8        | SSW        | —                 |
| 03   | 23    | 8.9             | 17.1       | 2.4        | 8.6              | 8.0 | 7.8 | 7.3 | 7.1 | 8.5          | 55.9   | 0.0         |         | 0.8           | 5.5        | ESE        | —                 |
| 03   | 24    | 4.3             | 7.5        | 1.8        | 7.5              | 7.9 | 8.0 | 7.5 | 7.2 | 8.5          | 98.1   | 8.5         |         | 0.6           | 4.6        | ESE        | —                 |
| 03   | 25    | 7.1             | 16.7       | 0.1        | 8.7              | 7.8 | 7.7 | 7.6 | 7.3 | 8.5          | 80.2   | 0.0         |         | 0.8           | 4.8        | S          | —                 |
| 03   | 26    | 7.8             | 14.5       | 3.7        | 9.9              | 9.0 | 8.7 | 7.7 | 7.3 | 8.5          | 84.3   | 5.0         |         | 0.9           | 6.9        | ESE        | —                 |
| 03   | 27    | 5.2             | 12.1       | 0.4        | 8.8              | 8.7 | 8.7 | 8.0 | 7.4 | 8.5          | 84.2   | 9.5         |         | 0.4           | 3.9        | SE         | —                 |
| 03   | 28    | 5.3             | 13.3       | -0.4       | 8.4              | 8.4 | 8.5 | 8.1 | 7.5 | 8.5          | 77.5   | 0.0         |         | 0.8           | 7.3        | ESE        | —                 |
| 03   | 29    | 6.2             | 13.2       | 0.9        | 8.1              | 8.0 | 8.3 | 8.2 | 7.6 | 8.6          | 49.2   | 0.0         |         | 1.6           | 8.6        | WSW        | —                 |
| 03   | 30    | 4.3             | 10.7       | -0.8       | 7.7              | 7.8 | 8.1 | 8.2 | 7.7 | 8.6          | 78.0   | 0.0         |         | 0.5           | 4.5        | SE         | —                 |
| 03   | 31    | 3.2             | 9.1        | 0.8        | 7.4              | 7.8 | 8.1 | 8.1 | 7.8 | 8.6          | 81.0   | 4.0         |         | 1.0           | 9.6        | WNW        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 88.5        |         |               |            |            |                   |
| 平均   | Mean  | 4.8             | 12.2       | -0.2       | 6.6              | 6.3 | 6.3 | 6.2 | 6.5 | 8.7          | 72.8   | 2.9         |         | 0.7           | 5.6        |            |                   |
| 最大   | Max.  | 10.0            | 20.3       | 4.0        | 10.5             | 9.4 | 8.9 | 8.2 | 7.8 | 9.2          | 99.7   | 40.0        |         | 1.6           | 14.9       |            |                   |
| 最低   | Min.  | -0.1            | 4.0        | -6.1       | 2.6              | 3.1 | 3.5 | 4.3 | 5.7 | 8.5          | 46.6   | 0.0         |         | 0.1           | 2.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 5.6             | 12.6       | 1.0        | 7.5              | 7.4  | 7.8  | 8.1  | 7.9  | 8.7          | 40.3   | 0.0         |         | 3.5           | 12.5       | W          | —                 |
| 04   | 2     | 5.8             | 13.8       | -1.1       | 7.6              | 7.5  | 7.8  | 8.1  | 7.9  | 8.7          | 53.5   | 0.0         |         | 0.9           | 4.7        | ESE        | —                 |
| 04   | 3     | 7.6             | 16.4       | 0.8        | 8.7              | 8.1  | 8.1  | 8.0  | 7.9  | 8.7          | 62.2   | 0.0         |         | 1.0           | 6.7        | ESE        | —                 |
| 04   | 4     | 8.1             | 17.8       | -0.4       | 9.6              | 8.7  | 8.5  | 8.2  | 8.0  | 8.8          | 58.0   | 0.0         |         | 0.9           | 6.1        | SSE        | —                 |
| 04   | 5     | 8.3             | 18.1       | 0.3        | 9.9              | 9.3  | 9.0  | 8.3  | 8.0  | 8.8          | 41.7   | 0.0         |         | 1.1           | 7.8        | SSE        | —                 |
| 04   | 6     | 8.9             | 18.2       | 1.5        | 10.2             | 9.5  | 9.3  | 8.5  | 8.1  | 8.8          | 45.9   | 0.0         |         | 0.9           | 4.8        | S          | —                 |
| 04   | 7     | 7.1             | 12.4       | 1.0        | 8.9              | 9.1  | 9.2  | 8.7  | 8.1  | 8.8          | 80.6   | 21.5        |         | 0.4           | 5.3        | SSE        | —                 |
| 04   | 8     | 5.5             | 6.5        | 4.3        | 6.5              | 7.2  | 7.8  | 8.7  | 8.2  | 8.8          | 99.7   | 152.0       |         | 1.4           | 9.1        | E          | —                 |
| 04   | 9     | 8.2             | 16.0       | 2.7        | 9.4              | 7.9  | 7.8  | 8.2  | 8.3  | 8.6          | 84.6   | 0.0         |         | 0.7           | 5.0        | SE         | —                 |
| 04   | 10    | 5.3             | 6.4        | 4.5        | 8.3              | 8.6  | 8.7  | 8.4  | 8.3  | 8.7          | 99.3   | 15.5        |         | 0.1           | 3.1        | ESE        | —                 |
| 04   | 11    | 10.2            | 19.3       | 4.7        | 10.6             | 9.2  | 8.9  | 8.5  | 8.3  | 8.7          | 80.3   | 1.0         |         | 0.9           | 7.9        | W          | —                 |
| 04   | 12    | 9.8             | 18.1       | 2.8        | 10.5             | 9.8  | 9.6  | 8.8  | 8.3  | 8.7          | 71.5   | 0.0         |         | 0.8           | 8.2        | ESE        | —                 |
| 04   | 13    | 6.3             | 8.0        | 5.2        | 9.1              | 9.6  | 9.7  | 9.0  | 8.4  | 8.8          | 93.0   | 1.5         |         | 0.3           | 4.0        | ESE        | —                 |
| 04   | 14    | 9.0             | 16.7       | 4.1        | 10.3             | 9.6  | 9.5  | 9.1  | 8.4  | 8.8          | 87.8   | 3.5         |         | 0.5           | 3.9        | NE         | —                 |
| 04   | 15    | 11.7            | 21.9       | 2.3        | 11.3             | 10.3 | 10.0 | 9.2  | 8.5  | 8.8          | 54.6   | 0.0         |         | 0.9           | 5.3        | ESE        | —                 |
| 04   | 16    | 12.9            | 19.1       | 7.3        | 11.3             | 10.7 | 10.5 | 9.4  | 8.6  | 8.8          | 57.7   | 0.0         |         | 0.5           | 10.1       | WNW        | —                 |
| 04   | 17    | 9.7             | 13.1       | 7.7        | 10.6             | 10.6 | 10.6 | 9.7  | 8.6  | 8.9          | 85.8   | 9.5         |         | 0.3           | 4.5        | W          | —                 |
| 04   | 18    | 8.6             | 10.8       | 6.8        | 9.8              | 9.9  | 10.1 | 9.8  | 8.7  | 8.9          | 98.9   | 62.0        |         | 0.1           | 4.0        | E          | —                 |
| 04   | 19    | 10.2            | 16.5       | 7.9        | 11.2             | 10.5 | 10.4 | 9.9  | 8.9  | 8.9          | 90.3   | 1.5         |         | 0.4           | 7.0        | E          | —                 |
| 04   | 20    | 9.7             | 13.6       | 6.2        | 10.9             | 10.7 | 10.7 | 10.0 | 9.0  | 8.9          | 88.3   | 0.0         |         | 0.3           | 5.5        | SW         | —                 |
| 04   | 21    | 13.1            | 22.5       | 6.3        | 12.2             | 11.1 | 10.9 | 10.1 | 9.1  | 8.9          | 59.5   | 0.0         |         | 0.8           | 7.0        | SE         | —                 |
| 04   | 22    | 14.8            | 23.9       | 7.3        | 13.9             | 12.4 | 11.8 | 10.3 | 9.2  | 8.9          | 61.1   | 0.0         |         | 0.8           | 4.9        | SE         | —                 |
| 04   | 23    | 13.6            | 21.0       | 6.9        | 14.3             | 13.0 | 12.4 | 10.7 | 9.2  | 9.0          | 72.6   | 0.0         |         | 0.8           | 6.1        | ESE        | —                 |
| 04   | 24    | 13.2            | 16.7       | 11.2       | 13.4             | 13.0 | 12.7 | 11.0 | 9.3  | 9.0          | 85.8   | 6.5         |         | 1.6           | 12.7       | NW         | —                 |
| 04   | 25    | 11.4            | 18.0       | 7.3        | 13.7             | 13.0 | 12.7 | 11.2 | 9.5  | 9.0          | 79.9   | 0.0         |         | 0.7           | 4.5        | E          | —                 |
| 04   | 26    | 7.1             | 7.9        | 6.4        | 11.2             | 12.0 | 12.3 | 11.4 | 9.6  | 9.1          | 96.9   | 3.5         |         | 0.2           | 3.2        | ESE        | —                 |
| 04   | 27    | 11.0            | 18.6       | 6.5        | 13.0             | 12.0 | 11.9 | 11.3 | 9.7  | 9.1          | 86.0   | 0.0         |         | 0.4           | 4.9        | ESE        | —                 |
| 04   | 28    | 11.1            | 18.1       | 6.2        | 13.8             | 13.0 | 12.6 | 11.4 | 9.9  | 9.2          | 75.4   | 0.0         |         | 0.9           | 7.3        | SE         | —                 |
| 04   | 29    | 11.9            | 19.2       | 5.2        | 14.2             | 13.3 | 12.9 | 11.6 | 10.0 | 9.2          | 77.6   | 0.0         |         | 0.8           | 5.8        | SSE        | —                 |
| 04   | 30    | 16.1            | 24.9       | 7.7        | 15.3             | 14.0 | 13.4 | 11.8 | 10.1 | 9.3          | 62.2   | 0.0         |         | 0.9           | 6.4        | S          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 278.0       |         |               |            |            |                   |
| 平均   | Mean  | 9.7             | 16.2       | 4.7        | 10.9             | 10.4 | 10.3 | 9.6  | 8.7  | 8.9          | 74.4   | 9.3         |         | 0.8           | 6.3        |            |                   |
| 最大   | Max.  | 16.1            | 24.9       | 11.2       | 15.3             | 14.0 | 13.4 | 11.8 | 10.1 | 9.3          | 99.7   | 152.0       |         | 3.5           | 12.7       |            |                   |
| 最低   | Min.  | 5.3             | 6.4        | -1.1       | 6.5              | 7.2  | 7.8  | 8.0  | 7.9  | 8.6          | 40.3   | 0.0         |         | 0.1           | 3.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2008年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 16.3            | 23.4       | 10.1       | 15.7             | 14.6 | 14.0 | 12.1 | 10.2 | 9.3          | 71.8   | 0.0         |         | 0.8           | 5.7        | ESE        | —                 |
| 05   | 2     | 14.0            | 16.5       | 12.4       | 14.8             | 14.5 | 14.2 | 12.4 | 10.3 | 9.4          | 92.6   | 6.0         |         | 0.2           | 3.1        | SE         | —                 |
| 05   | 3     | 15.1            | 19.9       | 12.2       | 15.2             | 14.4 | 14.1 | 12.6 | 10.4 | 9.4          | 95.0   | 5.0         |         | 0.2           | 3.7        | SSE        | —                 |
| 05   | 4     | 17.6            | 24.6       | 12.3       | 17.0             | 15.4 | 14.8 | 12.8 | 10.6 | 9.4          | 81.4   | 0.0         |         | 0.7           | 5.1        | ESE        | —                 |
| 05   | 5     | 13.7            | 16.6       | 11.2       | 15.6             | 15.5 | 15.2 | 13.2 | 10.7 | 9.5          | 94.8   | 0.5         |         | 0.3           | 3.9        | SE         | —                 |
| 05   | 6     | 14.9            | 23.4       | 6.7        | 15.9             | 15.1 | 14.8 | 13.4 | 10.9 | 9.6          | 51.2   | 0.0         |         | 0.8           | 6.4        | SE         | —                 |
| 05   | 7     | 16.7            | 25.5       | 8.1        | 16.0             | 15.1 | 14.8 | 13.4 | 11.1 | 9.6          | 48.8   | 0.0         |         | 0.8           | 5.4        | NE         | —                 |
| 05   | 8     | 15.3            | 22.4       | 9.1        | 16.5             | 15.6 | 15.2 | 13.6 | 11.3 | 9.7          | 60.8   | 0.0         |         | 0.7           | 5.2        | ESE        | —                 |
| 05   | 9     | 13.7            | 20.8       | 9.1        | 15.3             | 15.1 | 15.0 | 13.7 | 11.4 | 9.8          | 65.1   | 0.0         |         | 0.8           | 4.6        | ESE        | —                 |
| 05   | 10    | 7.5             | 10.7       | 4.7        | 13.0             | 14.0 | 14.4 | 13.8 | 11.5 | 9.8          | 97.0   | 28.0        |         | 0.4           | 3.2        | E          | —                 |
| 05   | 11    | 6.2             | 8.4        | 3.6        | 11.2             | 12.2 | 12.9 | 13.5 | 11.6 | 9.9          | 97.5   | 9.5         |         | 0.1           | 4.1        | ESE        | —                 |
| 05   | 12    | 6.3             | 8.0        | 3.8        | 10.7             | 11.7 | 12.4 | 13.1 | 11.8 | 10.0         | 95.6   | 0.0         |         | 0.2           | 2.7        | E          | —                 |
| 05   | 13    | 6.8             | 10.5       | 4.3        | 10.7             | 11.3 | 11.9 | 12.8 | 11.8 | 10.1         | 96.5   | 1.5         |         | 0.2           | 3.3        | ESE        | —                 |
| 05   | 14    | 8.5             | 12.6       | 6.2        | 11.5             | 11.6 | 11.9 | 12.5 | 11.8 | 10.2         | 97.2   | 10.5        |         | 0.4           | 4.2        | ESE        | —                 |
| 05   | 15    | 11.7            | 18.8       | 5.0        | 13.3             | 12.5 | 12.4 | 12.4 | 11.8 | 10.2         | 84.5   | 0.0         |         | 0.6           | 5.8        | SE         | —                 |
| 05   | 16    | 12.7            | 17.2       | 8.7        | 13.8             | 13.3 | 13.2 | 12.5 | 11.8 | 10.3         | 84.0   | 0.0         |         | 0.6           | 5.1        | E          | —                 |
| 05   | 17    | 13.3            | 20.3       | 8.4        | 14.0             | 13.6 | 13.5 | 12.8 | 11.8 | 10.4         | 85.5   | 3.0         |         | 0.5           | 5.7        | SSE        | —                 |
| 05   | 18    | 11.9            | 14.2       | 9.4        | 13.5             | 13.6 | 13.6 | 12.9 | 11.8 | 10.5         | 96.4   | 1.0         |         | 0.3           | 4.1        | ESE        | —                 |
| 05   | 19    | 14.5            | 20.0       | 10.6       | 14.3             | 13.7 | 13.7 | 13.0 | 11.8 | 10.5         | 78.2   | 3.0         |         | 1.1           | 10.1       | W          | —                 |
| 05   | 20    | 14.6            | 24.6       | 8.3        | 14.9             | 14.2 | 14.0 | 13.2 | 11.9 | 10.6         | 86.8   | 42.0        |         | 0.7           | 7.8        | NNW        | —                 |
| 05   | 21    | 14.6            | 23.5       | 5.7        | 15.0             | 14.5 | 14.3 | 13.4 | 12.0 | 10.7         | 69.6   | 0.0         |         | 0.7           | 5.2        | ESE        | —                 |
| 05   | 22    | 17.2            | 26.1       | 8.3        | 16.0             | 15.1 | 14.7 | 13.6 | 12.1 | 10.7         | 71.9   | 0.0         |         | 0.6           | 5.8        | ESE        | —                 |
| 05   | 23    | 19.8            | 27.7       | 12.8       | 17.1             | 16.0 | 15.5 | 13.9 | 12.2 | 10.8         | 56.2   | 0.0         |         | 0.5           | 4.9        | SSE        | —                 |
| 05   | 24    | 16.8            | 23.5       | 12.2       | 16.7             | 16.2 | 15.9 | 14.2 | 12.3 | 10.9         | 77.6   | 6.5         |         | 0.5           | 5.2        | ESE        | —                 |
| 05   | 25    | 16.4            | 20.0       | 14.0       | 16.1             | 16.0 | 15.8 | 14.5 | 12.3 | 10.9         | 96.0   | 22.0        |         | 0.2           | 2.8        | NNE        | —                 |
| 05   | 26    | 18.1            | 26.5       | 12.2       | 17.2             | 16.4 | 16.1 | 14.7 | 12.5 | 10.9         | 77.8   | 0.0         |         | 0.7           | 5.5        | SSW        | —                 |
| 05   | 27    | 16.5            | 26.0       | 8.3        | 16.7             | 16.5 | 16.2 | 14.9 | 12.7 | 11.0         | 60.3   | 0.0         |         | 0.8           | 5.8        | ESE        | —                 |
| 05   | 28    | 16.0            | 23.6       | 9.2        | 16.4             | 16.2 | 16.1 | 15.0 | 12.8 | 11.1         | 76.4   | 0.0         |         | 0.5           | 5.2        | ESE        | —                 |
| 05   | 29    | 11.6            | 13.4       | 10.6       | 15.1             | 15.7 | 15.9 | 15.1 | 12.9 | 11.1         | 98.5   | 19.0        |         | 0.4           | 3.5        | E          | —                 |
| 05   | 30    | 11.3            | 13.1       | 9.7        | 14.6             | 15.1 | 15.3 | 15.1 | 13.1 | 11.2         | 99.0   | 5.0         |         | 0.4           | 5.1        | ESE        | —                 |
| 05   | 31    | 9.4             | 10.4       | 8.4        | 13.4             | 14.2 | 14.8 | 15.0 | 13.2 | 11.2         | 99.1   | 14.0        |         | 0.4           | 3.7        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 176.5       |         |               |            |            |                   |
| 平均   | Mean  | 13.5            | 19.1       | 8.9        | 14.7             | 14.5 | 14.4 | 13.5 | 11.8 | 10.3         | 82.0   | 5.7         |         | 0.5           | 4.9        |            |                   |
| 最大   | Max.  | 19.8            | 27.7       | 14.0       | 17.2             | 16.5 | 16.2 | 15.1 | 13.2 | 11.2         | 99.1   | 42.0        |         | 1.1           | 10.1       |            |                   |
| 最低   | Min.  | 6.2             | 8.0        | 3.6        | 10.7             | 11.3 | 11.9 | 12.1 | 10.2 | 9.3          | 48.8   | 0.0         |         | 0.1           | 2.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 15.0            | 23.1       | 8.2        | 15.2             | 14.6 | 14.7 | 14.7 | 13.3 | 11.3         | 81.4   | 0.0         |         | 0.6           | 5.8        | SE         | —                 |
| 06   | 2     | 14.0            | 17.3       | 10.8       | 15.0             | 15.2 | 15.2 | 14.7 | 13.4 | 11.4         | 90.4   | 0.0         |         | 0.2           | 4.7        | ESE        | —                 |
| 06   | 3     | 11.5            | 13.1       | 10.6       | 13.7             | 14.4 | 14.8 | 14.8 | 13.4 | 11.4         | 99.4   | 48.5        |         | 0.3           | 3.7        | E          | —                 |
| 06   | 4     | 12.5            | 14.4       | 10.6       | 13.9             | 14.1 | 14.5 | 14.7 | 13.6 | 11.6         | 98.8   | 0.5         |         | 0.3           | 3.7        | ESE        | —                 |
| 06   | 5     | 12.8            | 13.8       | 11.3       | 14.2             | 14.4 | 14.6 | 14.6 | 13.6 | 11.7         | 99.3   | 3.0         |         | 0.4           | 3.4        | ESE        | —                 |
| 06   | 6     | 18.1            | 24.6       | 13.0       | 17.1             | 15.7 | 15.3 | 14.6 | 13.6 | 11.8         | 85.9   | 1.5         |         | 0.5           | 4.0        | ESE        | —                 |
| 06   | 7     | 17.7            | 23.1       | 13.5       | 18.3             | 17.2 | 16.6 | 15.0 | 13.6 | 11.8         | 84.5   | 0.0         |         | 0.6           | 5.0        | ESE        | —                 |
| 06   | 8     | 15.5            | 18.4       | 13.0       | 16.7             | 16.8 | 16.7 | 15.4 | 13.7 | 11.9         | 91.0   | 0.0         |         | 0.3           | 3.0        | W          | —                 |
| 06   | 9     | 15.2            | 22.1       | 11.3       | 16.3             | 16.4 | 16.4 | 15.5 | 13.7 | 12.0         | 94.6   | 25.5        |         | 0.4           | 4.1        | WNW        | —                 |
| 06   | 10    | 17.6            | 25.1       | 10.7       | 17.6             | 16.7 | 16.5 | 15.6 | 13.8 | 12.0         | 81.9   | 0.0         |         | 0.7           | 5.5        | ESE        | —                 |
| 06   | 11    | 18.9            | 24.9       | 14.1       | 18.6             | 17.8 | 17.3 | 15.8 | 13.9 | 12.1         | 79.4   | 0.0         |         | 0.5           | 6.2        | ESE        | —                 |
| 06   | 12    | 15.3            | 19.5       | 10.9       | 16.9             | 17.3 | 17.4 | 16.2 | 14.1 | 12.1         | 94.5   | 48.0        |         | 0.4           | 5.0        | ESE        | —                 |
| 06   | 13    | 16.5            | 25.3       | 8.7        | 17.3             | 17.0 | 16.9 | 16.3 | 14.3 | 12.3         | 75.1   | 0.0         |         | 0.7           | 5.2        | NE         | —                 |
| 06   | 14    | 18.1            | 26.2       | 12.7       | 18.4             | 17.7 | 17.4 | 16.3 | 14.4 | 12.3         | 68.5   | 0.0         |         | 0.8           | 5.8        | E          | —                 |
| 06   | 15    | 16.8            | 23.2       | 12.6       | 19.1             | 18.3 | 17.9 | 16.5 | 14.5 | 12.4         | 80.0   | 0.0         |         | 0.5           | 4.5        | SE         | —                 |
| 06   | 16    | 19.4            | 26.4       | 14.1       | 20.2             | 19.1 | 18.5 | 16.7 | 14.6 | 12.4         | 73.8   | 0.0         |         | 0.8           | 5.2        | ESE        | —                 |
| 06   | 17    | 18.8            | 25.5       | 12.4       | 19.9             | 19.3 | 18.9 | 17.1 | 14.7 | 12.5         | 77.6   | 0.0         |         | 0.8           | 5.5        | ESE        | —                 |
| 06   | 18    | 19.5            | 26.3       | 12.6       | 20.9             | 19.8 | 19.2 | 17.3 | 14.8 | 12.5         | 75.5   | 0.0         |         | 0.7           | 5.8        | ESE        | —                 |
| 06   | 19    | 18.9            | 23.5       | 15.4       | 20.2             | 19.9 | 19.5 | 17.6 | 14.9 | 12.6         | 86.3   | 0.0         |         | 0.3           | 3.0        | WSW        | —                 |
| 06   | 20    | 19.7            | 24.2       | 16.0       | 20.3             | 19.7 | 19.4 | 17.8 | 15.1 | 12.7         | 88.1   | 0.0         |         | 0.6           | 5.1        | ESE        | —                 |
| 06   | 21    | 19.0            | 21.0       | 16.6       | 19.7             | 19.6 | 19.5 | 18.0 | 15.2 | 12.7         | 96.3   | 41.0        |         | 0.1           | 2.7        | WNW        | —                 |
| 06   | 22    | 18.2            | 19.3       | 16.5       | 18.8             | 19.2 | 19.3 | 18.2 | 15.4 | 12.7         | 99.1   | 75.5        |         | 0.2           | 4.6        | E          | —                 |
| 06   | 23    | 16.9            | 19.7       | 15.7       | 18.3             | 18.6 | 18.9 | 18.6 | 16.0 | 13.0         | 98.3   | 16.5        |         | 0.1           | 3.4        | ESE        | —                 |
| 06   | 24    | 19.6            | 26.8       | 13.4       | 19.9             | 19.2 | 19.1 | 18.4 | 16.2 | 13.2         | 85.4   | 0.0         |         | 0.4           | 5.2        | ESE        | —                 |
| 06   | 25    | 17.4            | 19.6       | 16.0       | 19.2             | 19.4 | 19.4 | 18.5 | 16.3 | 13.3         | 94.9   | 0.0         |         | 0.3           | 3.3        | ESE        | —                 |
| 06   | 26    | 15.0            | 16.4       | 13.9       | 18.2             | 18.7 | 19.0 | 18.5 | 16.4 | 13.4         | 98.6   | 0.5         |         | 0.2           | 3.4        | E          | —                 |
| 06   | 27    | 17.6            | 22.0       | 14.2       | 18.8             | 18.7 | 18.8 | 18.4 | 16.4 | 13.5         | 92.8   | 3.0         |         | 0.3           | 4.2        | ESE        | —                 |
| 06   | 28    | 18.3            | 20.5       | 16.1       | 19.2             | 19.1 | 19.1 | 18.4 | 16.5 | 13.5         | 93.6   | 0.0         |         | 0.3           | 3.9        | ESE        | —                 |
| 06   | 29    | 17.2            | 18.7       | 16.3       | 18.5             | 18.9 | 19.0 | 18.5 | 16.5 | 13.6         | 98.8   | 26.5        |         | 0.1           | 3.4        | E          | —                 |
| 06   | 30    | 17.6            | 22.5       | 14.5       | 18.7             | 18.8 | 18.9 | 18.5 | 16.6 | 13.7         | 93.8   | 14.0        |         | 0.4           | 4.4        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 304.0       |         |               |            |            |                   |
| 平均   | Mean  | 17.0            | 21.5       | 13.2       | 18.0             | 17.7 | 17.6 | 16.7 | 14.7 | 12.4         | 88.6   | 10.1        |         | 0.4           | 4.4        |            |                   |
| 最大   | Max.  | 19.7            | 26.8       | 16.6       | 20.9             | 19.9 | 19.5 | 18.6 | 16.6 | 13.7         | 99.4   | 75.5        |         | 0.8           | 6.2        |            |                   |
| 最低   | Min.  | 11.5            | 13.1       | 8.2        | 13.7             | 14.1 | 14.5 | 14.6 | 13.3 | 11.3         | 68.5   | 0.0         |         | 0.1           | 2.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 18.4            | 25.7       | 12.2       | 19.3             | 19.0 | 19.0 | 18.5 | 16.7 | 13.8         | 82.4   | 0.0         |         | 0.6           | 5.2        | SE         | —                 |
| 07   | 2     | 19.7            | 26.7       | 12.4       | 20.2             | 19.6 | 19.4 | 18.5 | 16.7 | 13.9         | 79.7   | 0.0         |         | 0.7           | 5.1        | ESE        | —                 |
| 07   | 3     | 18.9            | 24.6       | 15.4       | 19.9             | 19.8 | 19.7 | 18.7 | 16.8 | 14.0         | 90.5   | 0.0         |         | 0.4           | 4.6        | SE         | —                 |
| 07   | 4     | 22.8            | 29.7       | 17.5       | 21.5             | 20.5 | 20.1 | 18.8 | 16.8 | 14.1         | 84.9   | 0.0         |         | 0.6           | 5.5        | SSE        | —                 |
| 07   | 5     | 22.9            | 29.8       | 16.8       | 22.2             | 21.3 | 20.8 | 19.1 | 16.9 | 14.1         | 82.6   | 0.0         |         | 0.7           | 4.9        | SE         | —                 |
| 07   | 6     | 22.1            | 30.4       | 17.7       | 22.0             | 21.7 | 21.4 | 19.5 | 16.9 | 14.2         | 86.6   | 49.0        |         | 0.6           | 7.8        | WSW        | —                 |
| 07   | 7     | 18.6            | 21.1       | 16.8       | 20.2             | 20.6 | 20.9 | 20.1 | 17.2 | 14.3         | 98.1   | 26.0        |         | 0.3           | 5.5        | WNW        | —                 |
| 07   | 8     | 19.7            | 25.0       | 16.2       | 20.4             | 20.4 | 20.6 | 20.1 | 17.5 | 14.5         | 93.1   | 13.5        |         | 0.3           | 3.7        | ESE        | —                 |
| 07   | 9     | 19.0            | 21.0       | 17.6       | 20.4             | 20.6 | 20.7 | 20.0 | 17.7 | 14.6         | 95.9   | 0.0         |         | 0.2           | 3.0        | E          | —                 |
| 07   | 10    | 19.7            | 23.8       | 17.4       | 20.5             | 20.5 | 20.6 | 20.0 | 17.8 | 14.7         | 93.0   | 0.0         |         | 0.1           | 5.2        | ESE        | —                 |
| 07   | 11    | 21.4            | 27.4       | 17.5       | 21.4             | 21.0 | 20.8 | 20.0 | 17.8 | 14.7         | 87.7   | 7.5         |         | 0.3           | 4.8        | ESE        | —                 |
| 07   | 12    | 22.3            | 32.5       | 15.9       | 22.1             | 21.5 | 21.3 | 20.1 | 17.9 | 14.8         | 84.3   | 0.5         |         | 0.5           | 8.5        | W          | —                 |
| 07   | 13    | 21.2            | 30.5       | 17.3       | 22.0             | 22.0 | 21.7 | 20.4 | 17.9 | 14.8         | 89.4   | 43.0        |         | 0.5           | 5.9        | S          | —                 |
| 07   | 14    | 21.5            | 28.6       | 17.5       | 22.0             | 21.9 | 21.8 | 20.8 | 18.2 | 15.0         | 92.4   | 16.0        |         | 0.2           | 3.7        | ESE        | —                 |
| 07   | 15    | 23.1            | 29.7       | 18.0       | 23.1             | 22.5 | 22.2 | 21.0 | 18.3 | 15.1         | 85.2   | 0.0         |         | 0.3           | 4.2        | ESE        | —                 |
| 07   | 16    | 23.1            | 29.4       | 18.7       | 23.6             | 23.1 | 22.7 | 21.2 | 18.5 | 15.2         | 87.7   | 2.5         |         | 0.2           | 4.0        | SE         | —                 |
| 07   | 17    | 24.2            | 30.6       | 18.8       | 24.1             | 23.5 | 23.0 | 21.4 | 18.6 | 15.3         | 86.0   | 0.0         |         | 0.4           | 5.2        | ESE        | —                 |
| 07   | 18    | 22.9            | 25.5       | 21.2       | 23.7             | 23.6 | 23.3 | 21.7 | 18.7 | 15.4         | 94.2   | 1.0         |         | 0.2           | 3.1        | W          | —                 |
| 07   | 19    | 24.6            | 31.6       | 19.4       | 24.1             | 23.6 | 23.3 | 21.8 | 18.8 | 15.5         | 76.0   | 0.0         |         | 0.6           | 4.3        | ESE        | —                 |
| 07   | 20    | 23.5            | 30.5       | 18.4       | 23.8             | 23.6 | 23.3 | 22.0 | 19.0 | 15.5         | 83.8   | 0.0         |         | 0.5           | 4.7        | SSW        | —                 |
| 07   | 21    | 23.2            | 28.1       | 20.3       | 24.2             | 23.8 | 23.5 | 22.1 | 19.1 | 15.6         | 89.7   | 0.0         |         | 0.6           | 4.6        | ESE        | —                 |
| 07   | 22    | 23.9            | 28.2       | 21.2       | 24.4             | 24.0 | 23.7 | 22.3 | 19.2 | 15.7         | 90.4   | 1.0         |         | 0.4           | 4.3        | ESE        | —                 |
| 07   | 23    | 24.9            | 30.9       | 19.6       | 24.5             | 24.1 | 23.8 | 22.4 | 19.4 | 15.8         | 84.7   | 0.0         |         | 0.6           | 4.6        | ESE        | —                 |
| 07   | 24    | 25.7            | 31.3       | 20.9       | 25.2             | 24.6 | 24.2 | 22.5 | 19.5 | 15.9         | 81.7   | 0.0         |         | 0.6           | 4.6        | ESE        | —                 |
| 07   | 25    | 24.7            | 30.9       | 20.1       | 25.1             | 24.7 | 24.4 | 22.7 | 19.6 | 15.9         | 84.3   | 0.0         |         | 0.6           | 5.5        | ESE        | —                 |
| 07   | 26    | 23.3            | 31.3       | 20.1       | 24.4             | 24.4 | 24.3 | 22.9 | 19.7 | 16.0         | 89.6   | 45.0        |         | 0.6           | 4.9        | ESE        | —                 |
| 07   | 27    | 22.3            | 31.0       | 18.3       | 23.8             | 24.0 | 24.1 | 23.1 | 19.8 | 16.0         | 92.1   | 27.0        |         | 0.4           | 7.3        | ESE        | —                 |
| 07   | 28    | 20.2            | 24.0       | 17.6       | 22.7             | 23.3 | 23.6 | 23.2 | 20.1 | 16.2         | 93.8   | 1.5         |         | 0.3           | 7.1        | NW         | —                 |
| 07   | 29    | 22.5            | 29.5       | 16.6       | 23.0             | 23.1 | 23.2 | 23.0 | 20.3 | 16.3         | 80.3   | 1.0         |         | 0.4           | 4.8        | ESE        | —                 |
| 07   | 30    | 22.1            | 27.7       | 17.5       | 23.5             | 23.5 | 23.4 | 22.9 | 20.4 | 16.4         | 83.9   | 2.0         |         | 0.5           | 4.2        | ESE        | —                 |
| 07   | 31    | 22.6            | 28.7       | 19.0       | 24.0             | 23.8 | 23.6 | 22.9 | 20.4 | 16.5         | 86.9   | 1.0         |         | 0.5           | 5.6        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 237.5       |         |               |            |            |                   |
| 平均   | Mean  | 22.1            | 28.2       | 17.9       | 22.6             | 22.4 | 22.2 | 21.1 | 18.5 | 15.2         | 87.4   | 7.7         |         | 0.4           | 5.0        |            |                   |
| 最大   | Max.  | 25.7            | 32.5       | 21.2       | 25.2             | 24.7 | 24.4 | 23.2 | 20.4 | 16.5         | 98.1   | 49.0        |         | 0.7           | 8.5        |            |                   |
| 最低   | Min.  | 18.4            | 21.0       | 12.2       | 19.3             | 19.0 | 19.0 | 18.5 | 16.7 | 13.8         | 76.0   | 0.0         |         | 0.1           | 3.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 23.1            | 28.2       | 19.8       | 24.1             | 24.0 | 23.9 | 23.0 | 20.5 | 16.6         | 86.9   | 2.5         |         | 0.4           | 4.0        | ESE        | —                 |
| 08   | 2     | 23.8            | 30.9       | 18.0       | 24.4             | 24.1 | 24.0 | 23.1 | 20.5 | 16.7         | 82.7   | 0.0         |         | 0.6           | 4.9        | SSE        | —                 |
| 08   | 3     | 25.3            | 32.0       | 19.3       | 25.0             | 24.6 | 24.3 | 23.2 | 20.6 | 16.8         | 81.2   | 0.0         |         | 0.7           | 5.2        | S          | —                 |
| 08   | 4     | 24.1            | 31.3       | 19.9       | 24.5             | 24.6 | 24.5 | 23.4 | 20.6 | 16.9         | 86.5   | 33.5        |         | 0.4           | 5.2        | WNW        | —                 |
| 08   | 5     | 22.6            | 27.9       | 20.9       | 23.9             | 24.1 | 24.2 | 23.5 | 20.7 | 17.0         | 96.3   | 4.0         |         | 0.1           | 4.5        | SSE        | —                 |
| 08   | 6     | 22.9            | 26.4       | 20.0       | 23.9             | 24.0 | 24.1 | 23.5 | 20.8 | 17.0         | 94.5   | 0.5         |         | 0.2           | 4.6        | ESE        | —                 |
| 08   | 7     | 24.5            | 32.8       | 18.4       | 24.4             | 24.1 | 24.1 | 23.5 | 20.9 | 17.1         | 82.5   | 0.0         |         | 0.5           | 4.9        | SW         | —                 |
| 08   | 8     | 25.2            | 33.5       | 19.7       | 24.8             | 24.5 | 24.4 | 23.5 | 21.0 | 17.2         | 81.2   | 0.0         |         | 0.5           | 4.0        | W          | —                 |
| 08   | 9     | 23.6            | 32.2       | 18.2       | 24.6             | 24.6 | 24.6 | 23.6 | 21.1 | 17.3         | 84.6   | 0.0         |         | 0.5           | 5.8        | W          | —                 |
| 08   | 10    | 22.2            | 28.9       | 16.5       | 24.0             | 24.1 | 24.3 | 23.7 | 21.1 | 17.4         | 84.4   | 0.0         |         | 0.6           | 5.8        | ESE        | —                 |
| 08   | 11    | 24.4            | 31.3       | 18.0       | 24.7             | 24.4 | 24.4 | 23.6 | 21.2 | 17.5         | 79.6   | 0.0         |         | 0.5           | 4.9        | ESE        | —                 |
| 08   | 12    | 24.1            | 29.4       | 19.4       | 25.0             | 24.8 | 24.6 | 23.7 | 21.3 | 17.6         | 83.2   | 0.0         |         | 0.6           | 5.4        | ESE        | —                 |
| 08   | 13    | 23.8            | 29.2       | 20.1       | 24.8             | 24.7 | 24.7 | 23.8 | 21.4 | 17.7         | 86.8   | 0.5         |         | 0.5           | 5.5        | SW         | —                 |
| 08   | 14    | 24.3            | 31.1       | 19.3       | 24.8             | 24.7 | 24.6 | 23.8 | 21.5 | 17.8         | 85.6   | 0.0         |         | 0.4           | 5.8        | SSE        | —                 |
| 08   | 15    | 25.4            | 32.2       | 20.4       | 25.2             | 24.9 | 24.7 | 23.9 | 21.6 | 17.8         | 81.6   | 0.0         |         | 0.5           | 5.5        | S          | —                 |
| 08   | 16    | 23.8            | 29.3       | 19.6       | 24.9             | 24.9 | 24.9 | 23.9 | 21.6 | 17.9         | 85.9   | 0.0         |         | 0.6           | 5.5        | ESE        | —                 |
| 08   | 17    | 20.9            | 26.0       | 18.6       | 24.0             | 24.4 | 24.6 | 24.0 | 21.7 | 18.0         | 95.4   | 11.0        |         | 0.5           | 3.9        | E          | —                 |
| 08   | 18    | 19.6            | 22.1       | 17.9       | 22.8             | 23.5 | 23.8 | 23.8 | 21.6 | 18.0         | 95.7   | 1.0         |         | 0.2           | 3.6        | ESE        | —                 |
| 08   | 19    | 21.3            | 28.2       | 16.8       | 23.5             | 23.6 | 23.7 | 23.6 | 21.7 | 18.0         | 91.3   | 2.5         |         | 0.3           | 5.3        | ESE        | —                 |
| 08   | 20    | 21.9            | 28.2       | 15.5       | 23.9             | 23.7 | 23.7 | 23.5 | 21.7 | 18.1         | 85.6   | 0.0         |         | 0.5           | 4.5        | ESE        | —                 |
| 08   | 21    | 20.6            | 27.0       | 16.0       | 23.8             | 24.0 | 24.0 | 23.5 | 21.6 | 18.1         | 85.9   | 19.5        |         | 0.5           | 4.9        | ESE        | —                 |
| 08   | 22    | 16.8            | 18.2       | 15.1       | 21.7             | 22.7 | 23.2 | 23.5 | 21.6 | 18.2         | 97.6   | 0.5         |         | 0.3           | 4.3        | E          | —                 |
| 08   | 23    | 14.7            | 15.3       | 14.1       | 20.1             | 21.4 | 22.2 | 23.2 | 21.6 | 18.3         | 100.0  | 1.5         |         | 0.4           | 3.5        | E          | —                 |
| 08   | 24    | 16.8            | 18.5       | 14.9       | 19.9             | 20.7 | 21.4 | 22.7 | 21.6 | 18.3         | 99.2   | 13.5        |         | 0.0           | 1.6        | E          | —                 |
| 08   | 25    | 18.0            | 19.2       | 17.4       | 19.9             | 20.6 | 21.2 | 22.3 | 21.5 | 18.4         | 99.6   | 20.0        |         | 0.1           | 3.4        | E          | —                 |
| 08   | 26    | 18.0            | 20.1       | 16.2       | 20.3             | 20.6 | 21.1 | 22.0 | 21.4 | 18.4         | 99.0   | 4.0         |         | 0.2           | 3.4        | ESE        | —                 |
| 08   | 27    | 18.9            | 21.5       | 17.0       | 21.0             | 21.0 | 21.3 | 21.9 | 21.3 | 18.5         | 96.9   | 0.5         |         | 0.2           | 3.4        | ESE        | —                 |
| 08   | 28    | 19.9            | 21.6       | 18.6       | 21.0             | 21.3 | 21.5 | 21.8 | 21.2 | 18.5         | 99.0   | 24.0        |         | 0.0           | 2.5        | E          | —                 |
| 08   | 29    | 20.4            | 24.3       | 18.4       | 21.5             | 21.5 | 21.7 | 21.8 | 21.1 | 18.6         | 97.1   | 15.5        |         | 0.2           | 13.3       | SE         | —                 |
| 08   | 30    | 19.9            | 22.7       | 18.4       | 21.2             | 21.5 | 21.7 | 21.9 | 21.1 | 18.7         | 97.4   | 13.0        |         | 0.0           | 2.2        | SW         | —                 |
| 08   | 31    | 20.7            | 26.8       | 18.2       | 22.1             | 21.9 | 21.9 | 21.9 | 21.0 | 18.8         | 94.8   | 15.5        |         | 0.1           | 2.9        | S          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 183.0       |         |               |            |            |                   |
| 平均   | Mean  | 21.7            | 26.6       | 18.1       | 23.2             | 23.3 | 23.5 | 23.2 | 21.2 | 17.8         | 90.3   | 5.9         |         | 0.4           | 4.6        |            |                   |
| 最大   | Max.  | 25.4            | 33.5       | 20.9       | 25.2             | 24.9 | 24.9 | 24.0 | 21.7 | 18.8         | 100.0  | 33.5        |         | 0.7           | 13.3       |            |                   |
| 最低   | Min.  | 14.7            | 15.3       | 14.1       | 19.9             | 20.6 | 21.1 | 21.8 | 20.5 | 16.6         | 79.6   | 0.0         |         | 0.0           | 1.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 21.2            | 25.1       | 17.8       | 22.4             | 22.2 | 22.2 | 22.0 | 21.0 | 18.9         | 93.3   | 1.0         |         | 0.2           | 4.1        | ESE        | —                 |
| 09   | 2     | 22.8            | 28.9       | 18.0       | 23.9             | 23.0 | 22.7 | 22.1 | 21.0 | 18.9         | 88.4   | 0.0         |         | 0.3           | 5.1        | ESE        | —                 |
| 09   | 3     | 23.2            | 29.8       | 18.1       | 24.5             | 23.8 | 23.4 | 22.3 | 21.0 | 18.9         | 85.8   | 0.0         |         | 0.4           | 6.1        | SE         | —                 |
| 09   | 4     | 21.6            | 26.5       | 19.3       | 23.6             | 23.7 | 23.6 | 22.6 | 21.0 | 18.9         | 91.3   | 12.5        |         | 0.2           | 5.8        | ESE        | —                 |
| 09   | 5     | 21.9            | 28.1       | 18.3       | 24.0             | 23.6 | 23.4 | 22.7 | 21.0 | 18.9         | 89.5   | 0.0         |         | 0.4           | 7.6        | ESE        | —                 |
| 09   | 6     | 21.6            | 27.1       | 18.5       | 23.4             | 23.6 | 23.5 | 22.8 | 21.0 | 18.9         | 90.8   | 15.0        |         | 0.3           | 4.0        | ESE        | —                 |
| 09   | 7     | 21.2            | 28.9       | 17.2       | 23.5             | 23.4 | 23.4 | 22.9 | 21.1 | 18.9         | 91.0   | 10.0        |         | 0.3           | 7.0        | SE         | —                 |
| 09   | 8     | 19.9            | 27.4       | 13.8       | 23.0             | 23.2 | 23.3 | 22.9 | 21.2 | 18.9         | 88.9   | 0.0         |         | 0.3           | 4.0        | W          | —                 |
| 09   | 9     | 18.1            | 27.6       | 11.7       | 22.2             | 22.7 | 22.8 | 22.9 | 21.3 | 18.9         | 72.4   | 0.0         |         | 0.6           | 4.4        | W          | —                 |
| 09   | 10    | 18.0            | 26.2       | 11.1       | 22.0             | 22.2 | 22.4 | 22.7 | 21.3 | 19.0         | 78.7   | 0.0         |         | 0.7           | 5.3        | SSW        | —                 |
| 09   | 11    | 17.4            | 26.0       | 9.5        | 21.2             | 21.8 | 22.1 | 22.5 | 21.3 | 19.0         | 69.9   | 0.0         |         | 0.6           | 3.7        | WNW        | —                 |
| 09   | 12    | 20.2            | 29.7       | 13.1       | 21.9             | 21.9 | 22.0 | 22.3 | 21.3 | 19.0         | 69.6   | 0.0         |         | 0.8           | 5.5        | W          | —                 |
| 09   | 13    | 19.9            | 26.3       | 15.6       | 21.8             | 22.0 | 22.1 | 22.3 | 21.3 | 19.0         | 85.9   | 0.0         |         | 0.5           | 4.2        | NW         | —                 |
| 09   | 14    | 20.5            | 26.9       | 16.7       | 22.1             | 22.1 | 22.2 | 22.2 | 21.2 | 19.0         | 85.2   | 0.0         |         | 0.5           | 3.7        | ESE        | —                 |
| 09   | 15    | 18.4            | 21.4       | 16.7       | 21.5             | 21.9 | 22.2 | 22.2 | 21.2 | 19.0         | 94.1   | 1.0         |         | 0.4           | 4.4        | ESE        | —                 |
| 09   | 16    | 18.6            | 25.3       | 15.5       | 21.5             | 21.6 | 21.8 | 22.1 | 21.1 | 19.0         | 90.7   | 10.5        |         | 0.3           | 3.5        | S          | —                 |
| 09   | 17    | 19.4            | 27.2       | 13.7       | 21.7             | 21.8 | 21.9 | 22.0 | 21.1 | 19.0         | 85.2   | 0.0         |         | 0.4           | 3.9        | SE         | —                 |
| 09   | 18    | 17.6            | 18.6       | 16.4       | 20.5             | 21.3 | 21.7 | 22.0 | 21.1 | 19.0         | 97.6   | 10.0        |         | 0.0           | 1.8        | WNW        | —                 |
| 09   | 19    | 18.9            | 22.6       | 16.8       | 20.6             | 20.9 | 21.3 | 21.9 | 21.0 | 19.0         | 98.1   | 17.5        |         | 0.0           | 2.2        | SE         | —                 |
| 09   | 20    | 20.5            | 25.4       | 17.6       | 21.4             | 21.2 | 21.3 | 21.7 | 21.0 | 19.0         | 90.5   | 13.5        |         | 0.2           | 3.4        | SSE        | —                 |
| 09   | 21    | 18.3            | 19.8       | 17.6       | 20.7             | 21.3 | 21.6 | 21.7 | 20.9 | 19.0         | 98.4   | 12.5        |         | 0.2           | 2.7        | E          | —                 |
| 09   | 22    | 16.4            | 18.4       | 13.4       | 18.9             | 19.9 | 20.5 | 21.6 | 20.9 | 19.1         | 98.8   | 56.0        |         | 0.2           | 4.1        | E          | —                 |
| 09   | 23    | 17.4            | 23.1       | 12.6       | 19.2             | 19.6 | 20.1 | 21.3 | 21.0 | 19.3         | 90.7   | 0.0         |         | 0.3           | 3.6        | SW         | —                 |
| 09   | 24    | 17.8            | 24.5       | 13.4       | 20.4             | 20.3 | 20.4 | 21.1 | 20.9 | 19.3         | 83.9   | 0.0         |         | 0.6           | 5.5        | SE         | —                 |
| 09   | 25    | 17.0            | 21.3       | 12.6       | 19.6             | 20.1 | 20.5 | 21.1 | 20.8 | 19.3         | 89.3   | 0.0         |         | 0.3           | 5.1        | ENE        | —                 |
| 09   | 26    | 19.4            | 22.1       | 12.3       | 20.0             | 20.2 | 20.5 | 21.0 | 20.7 | 19.3         | 85.6   | 1.5         |         | 1.0           | 7.3        | NNW        | —                 |
| 09   | 27    | 12.7            | 19.7       | 8.3        | 18.3             | 19.3 | 20.0 | 20.9 | 20.7 | 19.3         | 76.4   | 0.0         |         | 0.6           | 5.5        | ESE        | —                 |
| 09   | 28    | 10.9            | 14.5       | 7.7        | 16.8             | 18.3 | 19.1 | 20.7 | 20.6 | 19.2         | 85.1   | 0.0         |         | 0.2           | 2.4        | SE         | —                 |
| 09   | 29    | 11.2            | 12.8       | 9.2        | 16.0             | 17.4 | 18.3 | 20.3 | 20.5 | 19.2         | 98.2   | 13.5        |         | 0.0           | 1.9        | W          | —                 |
| 09   | 30    | 13.6            | 16.4       | 11.5       | 16.6             | 17.3 | 18.0 | 19.8 | 20.4 | 19.2         | 96.8   | 0.0         |         | 0.1           | 2.8        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 174.5       |         |               |            |            |                   |
| 平均   | Mean  | 18.5            | 23.9       | 14.5       | 21.1             | 21.4 | 21.6 | 21.9 | 21.0 | 19.0         | 88.0   | 5.8         |         | 0.4           | 4.3        |            |                   |
| 最大   | Max.  | 23.2            | 29.8       | 19.3       | 24.5             | 23.8 | 23.6 | 22.9 | 21.3 | 19.3         | 98.8   | 56.0        |         | 1.0           | 7.6        |            |                   |
| 最低   | Min.  | 10.9            | 12.8       | 7.7        | 16.0             | 17.3 | 18.0 | 19.8 | 20.4 | 18.9         | 69.6   | 0.0         |         | 0.0           | 1.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 10月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 13.6            | 17.4       | 8.5        | 16.9             | 17.6 | 18.1 | 19.6 | 20.2 | 19.1         | 97.9   | 0.5         |         | 0.1           | 2.9        | WNW        | —                 |
| 10   | 2     | 12.8            | 20.9       | 6.5        | 16.7             | 17.3 | 17.9 | 19.4 | 20.1 | 19.1         | 83.6   | 0.0         |         | 0.6           | 5.4        | WSW        | —                 |
| 10   | 3     | 13.8            | 19.9       | 9.0        | 17.3             | 17.6 | 18.0 | 19.2 | 20.0 | 19.1         | 85.3   | 0.0         |         | 0.6           | 4.7        | S          | —                 |
| 10   | 4     | 15.1            | 22.8       | 10.3       | 18.0             | 18.2 | 18.4 | 19.2 | 19.8 | 19.1         | 79.6   | 0.0         |         | 0.7           | 4.2        | WSW        | —                 |
| 10   | 5     | 14.6            | 20.3       | 10.4       | 17.3             | 17.9 | 18.3 | 19.2 | 19.7 | 19.0         | 90.1   | 17.5        |         | 0.6           | 4.9        | E          | —                 |
| 10   | 6     | 14.6            | 18.2       | 12.6       | 16.8             | 17.4 | 18.0 | 19.1 | 19.5 | 19.0         | 97.8   | 13.0        |         | 0.0           | 3.4        | SSE        | —                 |
| 10   | 7     | 15.8            | 19.7       | 12.7       | 17.3             | 17.6 | 18.0 | 19.0 | 19.4 | 19.0         | 90.8   | 1.0         |         | 0.2           | 3.1        | ESE        | —                 |
| 10   | 8     | 14.2            | 18.2       | 12.4       | 17.1             | 17.6 | 18.0 | 18.9 | 19.3 | 18.9         | 95.9   | 11.0        |         | 0.1           | 3.4        | ESE        | —                 |
| 10   | 9     | 14.2            | 19.3       | 10.7       | 17.1             | 17.5 | 17.9 | 18.8 | 19.2 | 18.9         | 92.0   | 0.0         |         | 0.2           | 3.5        | ESE        | —                 |
| 10   | 10    | 15.5            | 22.6       | 10.7       | 17.3             | 17.5 | 17.9 | 18.8 | 19.1 | 18.9         | 89.9   | 0.0         |         | 0.3           | 4.5        | ESE        | —                 |
| 10   | 11    | 14.9            | 22.9       | 8.6        | 17.3             | 17.7 | 18.0 | 18.7 | 19.1 | 18.8         | 87.3   | 0.0         |         | 0.4           | 4.6        | W          | —                 |
| 10   | 12    | 11.0            | 19.0       | 5.1        | 15.8             | 16.9 | 17.5 | 18.7 | 19.0 | 18.8         | 81.4   | 0.0         |         | 0.5           | 5.6        | W          | —                 |
| 10   | 13    | 13.2            | 20.6       | 7.8        | 16.3             | 16.7 | 17.2 | 18.5 | 18.9 | 18.7         | 84.3   | 0.0         |         | 0.4           | 4.7        | S          | —                 |
| 10   | 14    | 11.7            | 13.6       | 9.6        | 15.3             | 16.4 | 17.1 | 18.3 | 18.9 | 18.7         | 97.0   | 3.0         |         | 0.0           | 2.2        | WNW        | —                 |
| 10   | 15    | 13.5            | 19.3       | 9.4        | 15.8             | 16.3 | 16.8 | 18.1 | 18.7 | 18.6         | 93.1   | 0.5         |         | 0.1           | 3.7        | NE         | —                 |
| 10   | 16    | 12.1            | 20.7       | 6.9        | 15.4             | 16.1 | 16.7 | 18.0 | 18.7 | 18.6         | 75.2   | 0.0         |         | 0.5           | 4.5        | WSW        | —                 |
| 10   | 17    | 12.3            | 19.6       | 7.0        | 15.3             | 15.9 | 16.5 | 17.8 | 18.6 | 18.5         | 82.0   | 0.0         |         | 0.5           | 4.7        | SW         | —                 |
| 10   | 18    | 13.0            | 20.7       | 7.8        | 15.6             | 16.0 | 16.5 | 17.7 | 18.5 | 18.5         | 79.5   | 0.0         |         | 0.6           | 5.2        | SW         | —                 |
| 10   | 19    | 13.4            | 18.8       | 9.2        | 16.0             | 16.3 | 16.7 | 17.6 | 18.3 | 18.4         | 82.8   | 0.0         |         | 0.5           | 4.0        | SE         | —                 |
| 10   | 20    | 14.1            | 21.2       | 8.6        | 16.1             | 16.4 | 16.7 | 17.6 | 18.3 | 18.4         | 82.0   | 0.0         |         | 0.6           | 4.1        | SW         | —                 |
| 10   | 21    | 13.1            | 21.7       | 7.6        | 15.8             | 16.3 | 16.7 | 17.6 | 18.2 | 18.3         | 76.6   | 0.0         |         | 0.8           | 4.1        | W          | —                 |
| 10   | 22    | 13.3            | 20.1       | 8.0        | 15.4             | 15.9 | 16.5 | 17.5 | 18.1 | 18.3         | 86.5   | 0.0         |         | 0.5           | 3.9        | ESE        | —                 |
| 10   | 23    | 13.2            | 15.4       | 11.6       | 15.4             | 16.0 | 16.5 | 17.4 | 18.0 | 18.2         | 97.9   | 2.0         |         | 0.0           | 2.2        | E          | —                 |
| 10   | 24    | 14.8            | 16.5       | 13.3       | 15.8             | 16.1 | 16.5 | 17.4 | 17.9 | 18.1         | 99.5   | 4.0         |         | 0.1           | 4.0        | E          | —                 |
| 10   | 25    | 14.1            | 16.8       | 10.7       | 15.9             | 16.2 | 16.6 | 17.3 | 17.8 | 18.1         | 93.4   | 0.0         |         | 0.3           | 4.1        | E          | —                 |
| 10   | 26    | 12.2            | 16.4       | 10.2       | 15.1             | 15.8 | 16.4 | 17.3 | 17.8 | 18.0         | 89.9   | 0.0         |         | 0.3           | 4.0        | NNW        | —                 |
| 10   | 27    | 10.6            | 16.7       | 6.9        | 14.3             | 15.3 | 15.9 | 17.2 | 17.7 | 18.0         | 87.0   | 0.0         |         | 0.5           | 5.5        | N          | —                 |
| 10   | 28    | 10.0            | 17.6       | 4.5        | 13.7             | 14.6 | 15.4 | 17.0 | 17.7 | 17.9         | 82.1   | 0.0         |         | 0.6           | 5.0        | W          | —                 |
| 10   | 29    | 10.5            | 19.4       | 4.8        | 13.6             | 14.4 | 15.1 | 16.7 | 17.6 | 17.9         | 72.2   | 0.0         |         | 0.6           | 6.4        | SSE        | —                 |
| 10   | 30    | 7.7             | 15.4       | 4.1        | 12.8             | 14.0 | 14.8 | 16.5 | 17.5 | 17.8         | 80.2   | 0.0         |         | 0.5           | 4.3        | S          | —                 |
| 10   | 31    | 6.4             | 11.0       | 2.4        | 11.6             | 13.1 | 14.1 | 16.2 | 17.4 | 17.8         | 90.9   | 0.0         |         | 0.1           | 3.7        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 52.5        |         |               |            |            |                   |
| 平均   | Mean  | 12.9            | 18.8       | 8.6        | 15.8             | 16.4 | 16.9 | 18.1 | 18.7 | 18.5         | 87.2   | 1.7         |         | 0.4           | 4.2        |            |                   |
| 最大   | Max.  | 15.8            | 22.9       | 13.3       | 18.0             | 18.2 | 18.4 | 19.6 | 20.2 | 19.1         | 99.5   | 17.5        |         | 0.8           | 6.4        |            |                   |
| 最低   | Min.  | 6.4             | 11.0       | 2.4        | 11.6             | 13.1 | 14.1 | 16.2 | 17.4 | 17.8         | 72.2   | 0.0         |         | 0.0           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 11月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 9.6             | 18.4       | 4.2        | 12.2             | 13.0 | 13.8 | 15.9 | 17.3 | 17.8         | 69.8   | 0.0         |         | 0.6           | 7.0        | WSW        | —                 |
| 11   | 2     | 9.2             | 18.7       | 3.2        | 11.9             | 12.8 | 13.6 | 15.7 | 17.2 | 17.7         | 73.6   | 0.0         |         | 0.3           | 2.9        | W          | —                 |
| 11   | 3     | 10.1            | 16.4       | 7.4        | 12.0             | 12.8 | 13.6 | 15.4 | 17.0 | 17.7         | 74.5   | 0.0         |         | 0.4           | 3.0        | NW         | —                 |
| 11   | 4     | 8.8             | 16.8       | 3.8        | 11.9             | 12.7 | 13.4 | 15.3 | 16.9 | 17.6         | 74.1   | 0.0         |         | 0.6           | 5.5        | ENE        | —                 |
| 11   | 5     | 7.6             | 15.1       | 2.7        | 11.4             | 12.3 | 13.1 | 15.1 | 16.8 | 17.6         | 82.8   | 0.0         |         | 0.4           | 5.6        | ESE        | —                 |
| 11   | 6     | 11.6            | 19.4       | 4.2        | 11.5             | 12.2 | 13.0 | 14.9 | 16.6 | 17.5         | 59.2   | 0.0         |         | 0.5           | 3.8        | NW         | —                 |
| 11   | 7     | 13.2            | 21.9       | 8.6        | 12.7             | 12.8 | 13.3 | 14.7 | 16.5 | 17.5         | 74.3   | 0.0         |         | 0.3           | 3.2        | ESE        | —                 |
| 11   | 8     | 7.8             | 11.7       | 3.6        | 11.9             | 12.8 | 13.5 | 14.7 | 16.3 | 17.4         | 80.4   | 0.0         |         | 0.3           | 2.9        | E          | —                 |
| 11   | 9     | 5.2             | 7.2        | 3.1        | 10.3             | 11.7 | 12.7 | 14.6 | 16.2 | 17.3         | 85.5   | 0.0         |         | 0.1           | 2.3        | ENE        | —                 |
| 11   | 10    | 6.8             | 11.1       | 4.6        | 11.0             | 11.6 | 12.4 | 14.4 | 16.1 | 17.3         | 85.2   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 11   | 11    | 5.1             | 7.9        | 3.0        | 10.3             | 11.5 | 12.3 | 14.2 | 16.0 | 17.2         | 87.0   | 0.0         |         | 0.4           | 3.7        | ESE        | —                 |
| 11   | 12    | 5.4             | 7.2        | 2.9        | 9.7              | 10.9 | 11.8 | 14.0 | 15.9 | 17.2         | 95.5   | 0.0         |         | 0.0           | 1.7        | W          | —                 |
| 11   | 13    | 9.5             | 16.8       | 4.5        | 11.3             | 11.5 | 12.0 | 13.8 | 15.7 | 17.1         | 84.8   | 0.0         |         | 0.4           | 4.5        | SE         | —                 |
| 11   | 14    | 8.3             | 17.6       | 2.1        | 10.7             | 11.4 | 12.1 | 13.8 | 15.6 | 17.0         | 76.1   | 0.0         |         | 0.7           | 4.5        | W          | —                 |
| 11   | 15    | 9.0             | 17.4       | 3.4        | 10.5             | 11.2 | 11.9 | 13.7 | 15.5 | 17.0         | 81.4   | 0.0         |         | 0.6           | 4.5        | S          | —                 |
| 11   | 16    | 10.0            | 15.6       | 7.3        | 11.5             | 11.7 | 12.2 | 13.5 | 15.4 | 16.9         | 95.4   | 1.0         |         | 0.1           | 3.4        | SE         | —                 |
| 11   | 17    | 10.6            | 17.9       | 6.1        | 11.6             | 11.9 | 12.3 | 13.6 | 15.2 | 16.8         | 84.7   | 0.0         |         | 0.4           | 5.0        | SE         | —                 |
| 11   | 18    | 8.3             | 14.2       | 4.3        | 11.1             | 11.9 | 12.4 | 13.6 | 15.1 | 16.7         | 72.2   | 0.0         |         | 0.9           | 6.8        | NW         | —                 |
| 11   | 19    | 4.1             | 10.4       | -0.9       | 8.9              | 10.5 | 11.6 | 13.5 | 15.1 | 16.7         | 40.3   | 0.0         |         | 1.7           | 9.1        | W          | —                 |
| 11   | 20    | 2.5             | 10.5       | -2.0       | 7.6              | 9.3  | 10.5 | 13.2 | 15.0 | 16.6         | 50.4   | 0.0         |         | 0.9           | 6.7        | NW         | —                 |
| 11   | 21    | 5.0             | 14.1       | -2.5       | 7.2              | 8.6  | 9.8  | 12.7 | 14.9 | 16.6         | 48.0   | 0.0         |         | 1.1           | 9.0        | WNW        | —                 |
| 11   | 22    | 4.5             | 12.6       | -1.1       | 7.9              | 8.8  | 9.8  | 12.4 | 14.7 | 16.5         | 61.2   | 0.0         |         | 0.5           | 5.5        | SE         | —                 |
| 11   | 23    | 5.8             | 16.2       | -1.3       | 7.6              | 8.6  | 9.5  | 12.1 | 14.6 | 16.5         | 62.2   | 0.0         |         | 0.4           | 4.6        | S          | —                 |
| 11   | 24    | 3.1             | 9.1        | 0.3        | 6.7              | 8.2  | 9.3  | 11.9 | 14.4 | 16.4         | 87.8   | 17.0        |         | 0.2           | 4.1        | ESE        | —                 |
| 11   | 25    | 5.3             | 12.5       | 1.0        | 7.8              | 8.0  | 8.8  | 11.5 | 14.1 | 16.2         | 91.0   | 4.0         |         | 0.3           | 4.0        | SE         | —                 |
| 11   | 26    | 5.2             | 12.3       | 0.7        | 8.6              | 8.9  | 9.4  | 11.3 | 13.9 | 16.2         | 87.0   | 0.0         |         | 0.3           | 4.3        | SE         | —                 |
| 11   | 27    | 3.4             | 4.3        | 2.6        | 7.6              | 8.6  | 9.4  | 11.3 | 13.8 | 16.1         | 97.5   | 1.5         |         | 0.1           | 3.1        | E          | —                 |
| 11   | 28    | 5.7             | 12.0       | 3.4        | 7.6              | 8.2  | 9.0  | 11.1 | 13.6 | 16.0         | 93.7   | 17.5        |         | 0.5           | 7.9        | NW         | —                 |
| 11   | 29    | 5.5             | 10.0       | 1.1        | 7.0              | 8.0  | 8.8  | 10.9 | 13.5 | 16.0         | 80.6   | 0.0         |         | 1.1           | 10.4       | WNW        | —                 |
| 11   | 30    | 5.7             | 14.1       | -1.3       | 7.4              | 8.1  | 8.8  | 10.8 | 13.3 | 15.9         | 64.4   | 0.0         |         | 0.9           | 8.4        | NW         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 41.0        |         |               |            |            |                   |
| 平均   | Mean  | 7.1             | 13.6       | 2.6        | 9.8              | 10.7 | 11.5 | 13.4 | 15.4 | 16.9         | 76.7   | 1.4         |         | 0.5           | 5.1        |            |                   |
| 最大   | Max.  | 13.2            | 21.9       | 8.6        | 12.7             | 13.0 | 13.8 | 15.9 | 17.3 | 17.8         | 97.5   | 17.5        |         | 1.7           | 10.4       |            |                   |
| 最低   | Min.  | 2.5             | 4.3        | -2.5       | 6.7              | 8.0  | 8.8  | 10.8 | 13.3 | 15.9         | 40.3   | 0.0         |         | 0.0           | 1.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2008年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 2.1             | 10.6       | -2.8       | 6.2              | 7.4 | 8.3 | 10.7 | 13.2 | 15.8         | 76.8   | 0.0         |         | 0.6           | 3.8        | S          | —                 |
| 12   | 2     | 4.3             | 12.3       | -0.8       | 6.8              | 7.4 | 8.1 | 10.4 | 13.0 | 15.7         | 86.9   | 0.0         |         | 0.3           | 4.2        | SE         | —                 |
| 12   | 3     | 6.1             | 15.9       | 1.0        | 7.0              | 7.6 | 8.3 | 10.3 | 12.9 | 15.7         | 66.6   | 0.0         |         | 0.2           | 2.8        | NW         | —                 |
| 12   | 4     | 5.9             | 14.3       | 1.1        | 7.0              | 7.6 | 8.2 | 10.2 | 12.7 | 15.6         | 76.6   | 0.0         |         | 0.6           | 4.3        | WNW        | —                 |
| 12   | 5     | 7.2             | 13.4       | 3.0        | 7.1              | 7.7 | 8.3 | 10.1 | 12.6 | 15.5         | 91.3   | 13.5        |         | 1.5           | 19.1       | WNW        | —                 |
| 12   | 6     | 2.8             | 9.8        | -3.2       | 7.0              | 7.7 | 8.3 | 10.0 | 12.4 | 15.4         | 66.6   | 0.0         |         | 1.1           | 9.7        | WNW        | —                 |
| 12   | 7     | -0.2            | 8.7        | -4.7       | 4.9              | 6.5 | 7.5 | 9.9  | 12.3 | 15.3         | 59.1   | 0.0         |         | 0.4           | 4.8        | SE         | —                 |
| 12   | 8     | 0.7             | 8.8        | -3.9       | 4.3              | 5.7 | 6.8 | 9.6  | 12.2 | 15.2         | 76.5   | 0.0         |         | 0.4           | 4.0        | SE         | —                 |
| 12   | 9     | 5.6             | 15.4       | -0.8       | 5.4              | 5.9 | 6.7 | 9.3  | 12.0 | 15.1         | 81.5   | 13.0        |         | 0.1           | 4.5        | NNW        | —                 |
| 12   | 10    | 7.7             | 16.1       | 3.0        | 7.5              | 7.3 | 7.5 | 9.1  | 11.8 | 15.0         | 87.0   | 0.5         |         | 0.2           | 3.2        | SE         | —                 |
| 12   | 11    | 7.3             | 13.9       | 1.8        | 6.9              | 7.4 | 7.8 | 9.2  | 11.7 | 14.9         | 74.5   | 0.0         |         | 0.3           | 5.8        | NW         | —                 |
| 12   | 12    | 6.2             | 14.7       | 1.5        | 6.8              | 7.3 | 7.8 | 9.2  | 11.5 | 14.8         | 73.1   | 0.0         |         | 0.3           | 4.6        | S          | —                 |
| 12   | 13    | 3.7             | 10.7       | 0.7        | 6.1              | 6.9 | 7.5 | 9.2  | 11.4 | 14.7         | 89.4   | 0.0         |         | 0.2           | 4.2        | ESE        | —                 |
| 12   | 14    | 1.2             | 3.3        | -2.3       | 5.3              | 6.5 | 7.3 | 9.1  | 11.3 | 14.6         | 99.0   | 9.5         |         | 0.0           | 2.2        | E          | —                 |
| 12   | 15    | -0.2            | 7.2        | -4.2       | 4.4              | 5.6 | 6.5 | 8.9  | 11.3 | 14.6         | 88.8   | 0.0         |         | 0.3           | 3.0        | S          | —                 |
| 12   | 16    | 1.5             | 10.2       | -2.5       | 4.4              | 5.4 | 6.2 | 8.6  | 11.2 | 14.5         | 81.3   | 0.0         |         | 0.3           | 4.1        | ESE        | —                 |
| 12   | 17    | 2.7             | 6.2        | -1.2       | 4.6              | 5.4 | 6.1 | 8.4  | 11.0 | 14.4         | 97.6   | 2.5         |         | 0.0           | 1.9        | W          | —                 |
| 12   | 18    | 4.9             | 14.2       | 0.0        | 5.8              | 6.0 | 6.4 | 8.3  | 10.9 | 14.3         | 83.6   | 0.0         |         | 0.2           | 4.2        | S          | —                 |
| 12   | 19    | 2.2             | 10.7       | -2.3       | 4.9              | 5.8 | 6.4 | 8.3  | 10.8 | 14.2         | 76.8   | 0.0         |         | 0.3           | 4.6        | SE         | —                 |
| 12   | 20    | 3.2             | 12.9       | -2.6       | 4.6              | 5.4 | 6.1 | 8.2  | 10.7 | 14.1         | 74.8   | 0.0         |         | 0.2           | 5.2        | S          | —                 |
| 12   | 21    | 9.1             | 16.6       | 1.5        | 4.9              | 5.3 | 6.0 | 8.0  | 10.6 | 14.0         | 57.9   | 0.0         |         | 2.9           | 17.7       | W          | —                 |
| 12   | 22    | 10.0            | 15.5       | -0.7       | 7.2              | 6.8 | 7.0 | 8.0  | 10.4 | 13.9         | 69.8   | 9.5         |         | 2.6           | 15.7       | WNW        | —                 |
| 12   | 23    | 0.2             | 5.4        | -2.7       | 5.6              | 6.4 | 6.9 | 8.2  | 10.3 | 13.8         | 93.9   | 0.0         |         | 0.2           | 3.3        | S          | —                 |
| 12   | 24    | -0.5            | 6.7        | -4.5       | 4.1              | 5.3 | 6.1 | 8.1  | 10.3 | 13.7         | 88.0   | 0.0         |         | 0.4           | 3.7        | SSE        | —                 |
| 12   | 25    | 4.0             | 13.8       | -2.2       | 4.6              | 5.2 | 5.8 | 7.9  | 10.2 | 13.7         | 68.6   | 0.0         |         | 1.0           | 8.0        | WNW        | —                 |
| 12   | 26    | -1.7            | 2.1        | -3.8       | 4.2              | 5.2 | 5.9 | 7.8  | 10.1 | 13.6         | 53.8   | 0.5         |         | 2.1           | 11.4       | W          | 2                 |
| 12   | 27    | 0.2             | 9.2        | -4.5       | 3.0              | 4.3 | 5.3 | 7.6  | 10.0 | 13.5         | 41.0   | 0.0         |         | 1.9           | 11.4       | WNW        | —                 |
| 12   | 28    | 1.7             | 11.0       | -4.3       | 2.9              | 3.9 | 4.8 | 7.4  | 9.9  | 13.4         | 53.6   | 0.0         |         | 1.2           | 10.6       | NW         | —                 |
| 12   | 29    | 3.2             | 12.9       | -2.0       | 3.1              | 3.9 | 4.7 | 7.1  | 9.8  | 13.4         | 45.4   | 0.0         |         | 0.6           | 3.3        | NW         | —                 |
| 12   | 30    | 4.7             | 13.5       | -0.6       | 3.7              | 4.2 | 4.8 | 6.9  | 9.7  | 13.3         | 52.9   | 0.0         |         | 0.9           | 9.1        | W          | —                 |
| 12   | 31    | 0.5             | 7.6        | -4.3       | 3.6              | 4.4 | 5.0 | 6.9  | 9.6  | 13.2         | 47.8   | 0.0         |         | 1.3           | 7.9        | W          | —                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 49.0        |         |               |            |            |                   |
| 平均   | Mean  | 3.4             | 11.1       | -1.5       | 5.3              | 6.0 | 6.7 | 8.7  | 11.2 | 14.5         | 73.6   | 1.6         |         | 0.7           | 6.5        |            | 2.0               |
| 最大   | Max.  | 10.0            | 16.6       | 3.0        | 7.5              | 7.7 | 8.3 | 10.7 | 13.2 | 15.8         | 99.0   | 13.5        |         | 2.9           | 19.1       |            | 2.0               |
| 最低   | Min.  | -1.7            | 2.1        | -4.7       | 2.9              | 3.9 | 4.7 | 6.9  | 9.6  | 13.2         | 41.0   | 0.0         |         | 0.0           | 1.9        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)



2009年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 01   | 1     | -0.8            | 8.1  | -5.6 | 2.1              | 3.5 | 4.4 | 6.8 | 9.5 | 13.1      | 49.3   | 0.0      |         | 1.0           | 7.1  | WNW  | —              |
| 01   | 2     | 0.6             | 8.0  | -3.3 | 1.9              | 3.0 | 4.0 | 6.6 | 9.4 | 13.0      | 49.8   | 0.0      |         | 1.0           | 6.7  | NW   | —              |
| 01   | 3     | 0.8             | 9.7  | -3.6 | 2.1              | 3.0 | 3.8 | 6.3 | 9.2 | 13.0      | 52.8   | 0.0      |         | 0.8           | 6.4  | NNW  | —              |
| 01   | 4     | -0.1            | 9.5  | -5.6 | 1.9              | 2.8 | 3.7 | 6.2 | 9.1 | 12.9      | 56.8   | 0.0      |         | 0.8           | 3.9  | W    | —              |
| 01   | 5     | 1.0             | 10.3 | -3.8 | 2.2              | 2.8 | 3.6 | 6.0 | 9.0 | 12.8      | 63.8   | 0.0      |         | 0.7           | 4.8  | WNW  | —              |
| 01   | 6     | 1.1             | 10.1 | -2.9 | 2.5              | 3.1 | 3.7 | 5.9 | 8.9 | 12.7      | 66.7   | 0.0      |         | 0.9           | 6.7  | WNW  | —              |
| 01   | 7     | -0.2            | 7.8  | -4.7 | 2.1              | 2.9 | 3.7 | 5.8 | 8.7 | 12.7      | 71.7   | 0.0      |         | 0.7           | 4.2  | W    | —              |
| 01   | 8     | 0.4             | 8.3  | -3.2 | 2.0              | 2.8 | 3.6 | 5.7 | 8.6 | 12.6      | 63.9   | 0.0      |         | 0.5           | 3.7  | NW   | —              |
| 01   | 9     | -1.0            | 1.3  | -2.1 | 1.8              | 2.7 | 3.5 | 5.6 | 8.5 | 12.5      | 95.2   | 7.5      |         | 0.1           | 1.7  | WSW  | —              |
| 01   | 10    | -0.8            | 4.9  | -4.5 | 2.2              | 2.9 | 3.6 | 5.6 | 8.4 | 12.4      | 73.3   | 0.0      |         | 1.1           | 8.5  | W    | 10             |
| 01   | 11    | -2.7            | 5.2  | -8.3 | 1.6              | 2.5 | 3.3 | 5.5 | 8.3 | 12.3      | 62.1   | 0.0      |         | 0.7           | 4.8  | WNW  | —              |
| 01   | 12    | -3.0            | 2.9  | -7.1 | 0.6              | 1.9 | 2.8 | 5.4 | 8.2 | 12.3      | 65.3   | 0.0      |         | 0.9           | 8.2  | WNW  | —              |
| 01   | 13    | -1.3            | 5.6  | -5.5 | 0.3              | 1.5 | 2.5 | 5.2 | 8.1 | 12.2      | 51.9   | 0.0      |         | 1.5           | 10.4 | WNW  | —              |
| 01   | 14    | -1.1            | 7.6  | -7.3 | 0.5              | 1.4 | 2.3 | 5.0 | 8.0 | 12.1      | 52.0   | 0.0      |         | 1.2           | 7.8  | W    | —              |
| 01   | 15    | -2.0            | 5.2  | -7.8 | 0.9              | 1.5 | 2.3 | 4.8 | 7.9 | 12.1      | 52.9   | 0.0      |         | 1.0           | 6.1  | SW   | —              |
| 01   | 16    | -2.0            | 7.2  | -8.3 | 0.6              | 1.4 | 2.2 | 4.7 | 7.8 | 12.0      | 50.9   | 0.0      |         | 0.9           | 7.2  | W    | —              |
| 01   | 17    | 0.8             | 9.6  | -3.9 | 1.1              | 1.6 | 2.2 | 4.6 | 7.7 | 11.9      | 56.6   | 0.0      |         | 0.9           | 6.1  | WNW  | —              |
| 01   | 18    | -0.7            | 5.0  | -5.2 | 0.7              | 1.5 | 2.2 | 4.5 | 7.6 | 11.8      | 76.0   | 2.0      |         | 0.5           | 4.1  | NE   | —              |
| 01   | 19    | 3.8             | 12.3 | -1.9 | 2.4              | 2.2 | 2.4 | 4.4 | 7.4 | 11.7      | 67.9   | 12.5     |         | 1.3           | 12.7 | W    | —              |
| 01   | 20    | 0.1             | 7.2  | -3.4 | 1.7              | 2.3 | 2.8 | 4.4 | 7.3 | 11.6      | 68.2   | 0.0      |         | 0.6           | 4.4  | NW   | —              |
| 01   | 21    | 0.8             | 7.4  | -3.1 | 1.9              | 2.2 | 2.7 | 4.4 | 7.2 | 11.6      | 79.7   | 1.0      |         | 0.4           | 4.5  | WSW  | —              |
| 01   | 22    | 0.9             | 2.2  | -0.7 | 2.3              | 2.6 | 3.0 | 4.4 | 7.1 | 11.5      | 99.4   | 1.0      |         | 0.0           | 0.0  | —    | 3              |
| 01   | 23    | 5.7             | 14.6 | 1.4  | 4.3              | 3.5 | 3.5 | 4.5 | 7.0 | 11.4      | 91.3   | 6.0      |         | 0.0           | 2.8  | SSE  | —              |
| 01   | 24    | 0.1             | 4.4  | -5.2 | 3.8              | 4.1 | 4.2 | 4.7 | 7.0 | 11.3      | 80.3   | 0.0      |         | 0.4           | 4.3  | ESE  | —              |
| 01   | 25    | -1.5            | 6.7  | -7.1 | 2.2              | 3.0 | 3.6 | 4.9 | 6.9 | 11.2      | 61.3   | 0.0      |         | 0.5           | 4.4  | SSW  | —              |
| 01   | 26    | -0.2            | 8.2  | -5.2 | 1.7              | 2.5 | 3.1 | 4.8 | 6.9 | 11.2      | 48.4   | 0.0      |         | 0.2           | 4.3  | SW   | —              |
| 01   | 27    | 1.5             | 9.9  | -3.8 | 2.1              | 2.4 | 2.9 | 4.7 | 6.9 | 11.1      | 51.5   | 0.0      |         | 0.4           | 4.3  | SSE  | —              |
| 01   | 28    | 0.4             | 6.3  | -3.4 | 2.6              | 2.8 | 3.1 | 4.6 | 6.9 | 11.0      | 77.9   | 0.0      |         | 0.4           | 5.3  | SE   | —              |
| 01   | 29    | 3.0             | 11.8 | -3.8 | 3.6              | 3.4 | 3.5 | 4.6 | 6.8 | 10.9      | 78.2   | 0.0      |         | 0.5           | 4.8  | SSE  | —              |
| 01   | 30    | 5.0             | 8.0  | 2.4  | 4.3              | 4.1 | 4.2 | 4.8 | 6.8 | 10.8      | 93.0   | 14.0     |         | 0.0           | 3.5  | WNW  | —              |
| 01   | 31    | 4.5             | 8.5  | 2.2  | 4.4              | 4.3 | 4.4 | 4.9 | 6.5 | 10.7      | 92.6   | 41.5     |         | 0.4           | 6.8  | WNW  | —              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 85.5     |         |               |      |      |                |
| 平均   | Mean  | 0.4             | 7.5  | -4.0 | 2.1              | 2.7 | 3.3 | 5.2 | 7.9 | 11.9      | 67.8   | 2.8      |         | 0.7           | 5.5  |      | 6.5            |
| 最大   | Max.  | 5.7             | 14.6 | 2.4  | 4.4              | 4.3 | 4.4 | 6.8 | 9.5 | 13.1      | 99.4   | 41.5     |         | 1.5           | 12.7 |      | 10.0           |
| 最低   | Min.  | -3.0            | 1.3  | -8.3 | 0.3              | 1.4 | 2.2 | 4.4 | 6.5 | 10.7      | 48.4   | 0.0      |         | 0.0           | 0.0  |      | 3.0            |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日  | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|----|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |    | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |    | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |    | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 02   | 1  | 2.3             | 8.0  | -2.3 | 4.6              | 4.5 | 4.6 | 5.0 | 6.4 | 10.5      | 56.8   | 0.0      |         | 1.1           | 9.3  | WSW  | —              |
| 02   | 2  | 0.9             | 9.4  | -4.4 | 3.6              | 4.0 | 4.3 | 5.2 | 6.4 | 10.4      | 60.2   | 0.0      |         | 0.5           | 4.7  | SSE  | —              |
| 02   | 3  | 3.3             | 12.9 | -2.7 | 3.7              | 3.8 | 4.1 | 5.1 | 6.5 | 10.3      | 68.5   | 0.0      |         | 0.2           | 3.6  | ESE  | —              |
| 02   | 4  | 2.2             | 9.2  | -1.6 | 4.2              | 4.2 | 4.3 | 5.1 | 6.5 | 10.2      | 82.4   | 0.0      |         | 0.4           | 4.3  | SE   | —              |
| 02   | 5  | 2.2             | 9.2  | -1.9 | 4.9              | 4.7 | 4.7 | 5.2 | 6.5 | 10.1      | 83.6   | 0.0      |         | 0.4           | 5.4  | SSE  | —              |
| 02   | 6  | 2.4             | 10.0 | -3.1 | 4.4              | 4.5 | 4.7 | 5.3 | 6.5 | 10.0      | 54.3   | 0.0      |         | 1.3           | 9.5  | W    | —              |
| 02   | 7  | 1.0             | 9.4  | -4.6 | 3.7              | 4.1 | 4.4 | 5.4 | 6.6 | 10.0      | 62.5   | 0.0      |         | 0.8           | 4.9  | SSW  | —              |
| 02   | 8  | 3.4             | 10.6 | -3.2 | 4.1              | 4.2 | 4.4 | 5.3 | 6.6 | 10.0      | 42.7   | 0.0      |         | 1.9           | 10.6 | W    | —              |
| 02   | 9  | 0.1             | 6.8  | -4.8 | 2.9              | 3.6 | 4.1 | 5.3 | 6.6 | 9.9       | 51.0   | 0.0      |         | 0.6           | 4.8  | SE   | —              |
| 02   | 10 | 2.9             | 12.9 | -2.1 | 3.8              | 3.8 | 4.1 | 5.2 | 6.6 | 9.9       | 61.2   | 0.0      |         | 0.5           | 7.0  | SSW  | —              |
| 02   | 11 | 0.2             | 7.8  | -3.0 | 3.2              | 3.7 | 4.1 | 5.2 | 6.6 | 9.8       | 79.8   | 0.0      |         | 0.4           | 4.9  | SE   | —              |
| 02   | 12 | 5.3             | 15.6 | -1.4 | 4.3              | 4.0 | 4.2 | 5.2 | 6.6 | 9.8       | 40.6   | 0.0      |         | 1.3           | 7.2  | WSW  | —              |
| 02   | 13 | 6.1             | 14.5 | -1.0 | 4.2              | 4.3 | 4.5 | 5.2 | 6.6 | 9.8       | 60.3   | 0.0      |         | 1.2           | 15.1 | W    | —              |
| 02   | 14 | 13.3            | 23.8 | 5.0  | 8.1              | 6.4 | 5.7 | 5.4 | 6.5 | 9.7       | 65.4   | 9.5      |         | 1.8           | 16.4 | WNW  | —              |
| 02   | 15 | 8.0             | 15.6 | 2.5  | 7.4              | 6.8 | 6.5 | 5.8 | 6.6 | 9.6       | 61.6   | 0.0      |         | 0.8           | 6.9  | S    | —              |
| 02   | 16 | 5.6             | 15.0 | -4.1 | 7.3              | 6.9 | 6.7 | 6.2 | 6.6 | 9.6       | 48.3   | 0.0      |         | 1.4           | 9.2  | SSE  | —              |
| 02   | 17 | -1.4            | 6.5  | -6.9 | 5.4              | 6.0 | 6.2 | 6.4 | 6.7 | 9.6       | 46.1   | 0.0      |         | 1.1           | 7.0  | SSW  | —              |
| 02   | 18 | -0.4            | 9.5  | -6.9 | 4.5              | 5.1 | 5.5 | 6.3 | 6.8 | 9.6       | 50.6   | 0.0      |         | 0.5           | 4.1  | SSE  | —              |
| 02   | 19 | 0.6             | 8.3  | -5.0 | 4.6              | 4.9 | 5.2 | 6.2 | 6.9 | 9.6       | 59.6   | 0.0      |         | 0.5           | 5.7  | SE   | 1              |
| 02   | 20 | 1.2             | 8.6  | -3.1 | 3.6              | 4.6 | 5.0 | 6.1 | 6.9 | 9.5       | 84.1   | 22.0     |         | 0.9           | 12.1 | NW   | 10             |
| 02   | 21 | 0.7             | 8.6  | -4.4 | 3.9              | 4.1 | 4.5 | 5.8 | 6.9 | 9.5       | 53.4   | 0.0      |         | 1.5           | 11.4 | SSE  | —              |
| 02   | 22 | 2.2             | 12.0 | -5.6 | 4.0              | 4.2 | 4.5 | 5.7 | 6.9 | 9.5       | 63.8   | 0.0      |         | 0.5           | 4.5  | S    | —              |
| 02   | 23 | 3.0             | 6.9  | 0.9  | 4.3              | 4.5 | 4.8 | 5.6 | 6.9 | 9.5       | 97.1   | 12.0     |         | 0.0           | 2.7  | SSE  | —              |
| 02   | 24 | -0.1            | 1.9  | -0.7 | 3.8              | 4.4 | 4.8 | 5.7 | 6.8 | 9.5       | 100.0  | 0.5      |         | 0.1           | 3.3  | ESE  | —              |
| 02   | 25 | 4.4             | 11.3 | -1.4 | 4.5              | 4.4 | 4.6 | 5.7 | 6.8 | 9.4       | 96.0   | 3.0      |         | 0.0           | 3.7  | N    | —              |
| 02   | 26 | 2.1             | 5.0  | 0.6  | 4.5              | 4.9 | 5.1 | 5.7 | 6.8 | 9.4       | 96.0   | 0.0      |         | 0.1           | 3.1  | W    | —              |
| 02   | 27 | 0.0             | 0.9  | -1.0 | 3.6              | 4.3 | 4.8 | 5.8 | 6.8 | 9.4       | 99.7   | 3.0      |         | 0.0           | 2.7  | ESE  | 4              |
| 02   | 28 | 1.2             | 2.7  | 0.2  | 3.7              | 4.1 | 4.6 | 5.7 | 6.8 | 9.4       | 99.0   | 0.0      |         | 0.0           | 3.0  | ESE  | —              |

| 計  | Total |      |      |      |     |     |     |     |     |      |       |      |  |     |      |  |      |
|----|-------|------|------|------|-----|-----|-----|-----|-----|------|-------|------|--|-----|------|--|------|
| 平均 | Mean  | 2.6  | 9.7  | -2.4 | 4.5 | 4.6 | 4.8 | 5.6 | 6.7 | 9.8  | 68.7  | 1.8  |  | 0.7 | 6.7  |  | 5.0  |
| 最大 | Max.  | 13.3 | 23.8 | 5.0  | 8.1 | 6.9 | 6.7 | 6.4 | 6.9 | 10.5 | 100.0 | 22.0 |  | 1.9 | 16.4 |  | 10.0 |
| 最低 | Min.  | -1.4 | 0.9  | -6.9 | 2.9 | 3.6 | 4.1 | 5.0 | 6.4 | 9.4  | 40.6  | 0.0  |  | 0.0 | 2.7  |  | 1.0  |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |      |      | 平均地温 °C          |     |     |     |     |           | 湿度     | 降水量      | 日照時間    | 風速 m/sec      |      |      | 降雪深 cm         |
|------|-------|-----------------|------|------|------------------|-----|-----|-----|-----|-----------|--------|----------|---------|---------------|------|------|----------------|
|      |       | Air Temperature |      |      | Soil Temperature |     |     |     |     |           |        |          |         | Wind Velocity |      |      |                |
| Date |       | 平均              | 最高   | 最低   | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m deep | Hum. % | Prec. mm | Sun hrs | 平均            | 最大   | 風向   | Snowfall Depth |
|      |       | Mean            | Max. | Min. |                  |     |     |     |     |           |        |          |         | Mean          | Max. | Dir. |                |
| 03   | 1     | 1.3             | 4.6  | -0.4 | 4.0              | 4.3 | 4.7 | 5.6 | 6.8 | 9.3       | 95.2   | 0.0      |         | 0.0           | 1.3  | NE   | —              |
| 03   | 2     | 0.8             | 7.4  | -4.4 | 4.6              | 4.6 | 4.8 | 5.6 | 6.7 | 9.3       | 67.6   | 0.0      |         | 0.9           | 7.9  | WSW  | —              |
| 03   | 3     | -2.5            | 0.9  | -4.4 | 2.9              | 3.9 | 4.5 | 5.6 | 6.7 | 9.3       | 84.9   | 6.5      |         | 0.2           | 4.5  | SE   | —              |
| 03   | 4     | 0.3             | 6.8  | -4.1 | 3.0              | 3.6 | 4.2 | 5.5 | 6.7 | 9.3       | 95.8   | 3.0      |         | 0.0           | 1.1  | N    | 13             |
| 03   | 5     | 2.4             | 10.5 | -3.6 | 4.3              | 3.9 | 4.2 | 5.4 | 6.7 | 9.3       | 80.2   | 0.0      |         | 0.3           | 4.5  | SSE  | —              |
| 03   | 6     | 1.7             | 4.4  | 0.2  | 3.5              | 4.2 | 4.5 | 5.3 | 6.6 | 9.2       | 98.9   | 26.0     |         | 0.0           | 3.3  | WNW  | —              |
| 03   | 7     | 4.5             | 12.9 | 0.1  | 5.3              | 4.5 | 4.5 | 5.3 | 6.5 | 9.2       | 77.7   | 0.0      |         | 0.5           | 6.4  | SE   | —              |
| 03   | 8     | 3.3             | 9.6  | -0.6 | 5.2              | 5.1 | 5.1 | 5.4 | 6.5 | 9.1       | 81.4   | 0.0      |         | 0.4           | 4.0  | SE   | —              |
| 03   | 9     | 3.6             | 7.7  | 0.0  | 5.2              | 5.2 | 5.3 | 5.6 | 6.5 | 9.1       | 91.1   | 0.5      |         | 0.1           | 3.3  | SE   | —              |
| 03   | 10    | 5.9             | 14.8 | -0.3 | 6.8              | 6.0 | 5.7 | 5.7 | 6.4 | 9.0       | 72.1   | 5.0      |         | 0.9           | 8.3  | WSW  | —              |
| 03   | 11    | 1.6             | 9.5  | -3.2 | 5.3              | 5.7 | 5.8 | 5.9 | 6.5 | 9.0       | 47.3   | 0.0      |         | 1.6           | 8.9  | WSW  | —              |
| 03   | 12    | 2.4             | 11.2 | -2.6 | 5.5              | 5.4 | 5.5 | 6.0 | 6.5 | 9.0       | 43.7   | 0.0      |         | 1.3           | 9.3  | SW   | —              |
| 03   | 13    | 1.7             | 9.1  | -2.2 | 4.6              | 5.2 | 5.4 | 6.0 | 6.5 | 9.0       | 74.5   | 0.0      |         | 1.0           | 15.9 | ESE  | —              |
| 03   | 14    | 3.8             | 8.5  | -2.6 | 5.0              | 5.2 | 5.3 | 5.9 | 6.5 | 8.9       | 85.8   | 32.5     |         | 1.1           | 15.4 | WNW  | —              |
| 03   | 15    | 3.2             | 12.9 | -3.6 | 5.4              | 5.2 | 5.3 | 5.9 | 6.5 | 8.9       | 65.0   | 0.0      |         | 0.5           | 4.3  | SSE  | —              |
| 03   | 16    | 5.0             | 13.4 | -1.8 | 6.2              | 5.8 | 5.7 | 5.9 | 6.5 | 8.8       | 66.1   | 0.0      |         | 1.1           | 7.9  | WNW  | —              |
| 03   | 17    | 7.7             | 15.4 | 2.1  | 6.8              | 6.3 | 6.1 | 6.0 | 6.5 | 8.8       | 51.1   | 0.0      |         | 1.8           | 10.9 | WNW  | —              |
| 03   | 18    | 9.4             | 19.0 | 1.3  | 7.8              | 6.9 | 6.5 | 6.2 | 6.5 | 8.7       | 52.3   | 0.0      |         | 0.9           | 4.6  | WNW  | —              |
| 03   | 19    | 12.9            | 21.9 | 5.7  | 9.4              | 8.0 | 7.4 | 6.5 | 6.6 | 8.7       | 50.6   | 0.0      |         | 0.9           | 6.6  | NNW  | —              |
| 03   | 20    | 10.4            | 18.2 | 3.2  | 9.9              | 9.0 | 8.3 | 6.9 | 6.6 | 8.6       | 68.0   | 7.0      |         | 1.3           | 8.2  | N    | —              |
| 03   | 21    | 8.5             | 15.6 | 2.1  | 9.2              | 8.7 | 8.3 | 7.3 | 6.7 | 8.6       | 46.7   | 0.0      |         | 1.2           | 5.8  | ESE  | —              |
| 03   | 22    | 10.1            | 16.0 | 2.7  | 8.6              | 8.4 | 8.3 | 7.5 | 6.8 | 8.6       | 76.9   | 2.0      |         | 3.3           | 17.3 | WNW  | —              |
| 03   | 23    | 7.7             | 13.8 | 1.6  | 9.9              | 9.0 | 8.6 | 7.7 | 7.0 | 8.6       | 57.9   | 1.0      |         | 1.4           | 9.6  | SSW  | —              |
| 03   | 24    | 5.0             | 12.5 | -1.1 | 9.7              | 9.1 | 8.8 | 7.9 | 7.1 | 8.6       | 62.7   | 0.0      |         | 0.8           | 6.2  | SE   | —              |
| 03   | 25    | 3.0             | 4.8  | -0.7 | 8.0              | 8.6 | 8.7 | 8.1 | 7.2 | 8.6       | 95.8   | 3.0      |         | 0.5           | 4.4  | ESE  | —              |
| 03   | 26    | 1.3             | 8.2  | -3.7 | 7.1              | 7.6 | 7.9 | 8.1 | 7.3 | 8.6       | 63.1   | 0.0      |         | 1.3           | 11.5 | WSW  | —              |
| 03   | 27    | 2.0             | 10.8 | -3.2 | 6.8              | 7.1 | 7.3 | 7.9 | 7.5 | 8.6       | 67.5   | 0.0      |         | 0.7           | 8.8  | SE   | —              |
| 03   | 28    | 0.7             | 9.0  | -4.2 | 6.0              | 6.7 | 7.0 | 7.8 | 7.6 | 8.6       | 62.0   | 0.0      |         | 0.6           | 5.5  | SE   | —              |
| 03   | 29    | 2.6             | 11.3 | -4.2 | 6.7              | 6.6 | 6.8 | 7.6 | 7.6 | 8.7       | 52.3   | 0.0      |         | 0.8           | 6.9  | SE   | —              |
| 03   | 30    | 3.0             | 11.6 | -1.9 | 7.7              | 7.5 | 7.3 | 7.5 | 7.6 | 8.7       | 75.0   | 0.0      |         | 0.6           | 5.0  | SE   | 1              |
| 03   | 31    | 4.2             | 11.3 | -1.0 | 8.0              | 7.7 | 7.6 | 7.6 | 7.6 | 8.7       | 76.6   | 0.0      |         | 0.6           | 5.8  | SSE  | —              |
| 計    | Total |                 |      |      |                  |     |     |     |     |           |        | 86.5     |         |               |      |      |                |
| 平均   | Mean  | 4.1             | 11.1 | -1.1 | 6.4              | 6.3 | 6.3 | 6.5 | 6.8 | 8.9       | 70.5   | 2.8      |         | 0.9           | 7.2  |      | 7.0            |
| 最大   | Max.  | 12.9            | 21.9 | 5.7  | 9.9              | 9.1 | 8.8 | 8.1 | 7.6 | 9.3       | 98.9   | 32.5     |         | 3.3           | 17.3 |      | 13.0           |
| 最低   | Min.  | -2.5            | 0.9  | -4.4 | 2.9              | 3.6 | 4.2 | 5.3 | 6.4 | 8.6       | 43.7   | 0.0      |         | 0.0           | 1.1  |      | 1.0            |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 3.0             | 8.8        | 0.3        | 6.7              | 7.4  | 7.6  | 7.7  | 7.7  | 8.7          | 92.7   | 2.5         |         | 0.2           | 3.9        | ESE        | —                 |
| 04   | 2     | 4.2             | 12.2       | -1.5       | 7.9              | 7.5  | 7.4  | 7.7  | 7.7  | 8.7          | 56.4   | 0.0         |         | 1.1           | 9.1        | SW         | —                 |
| 04   | 3     | 6.4             | 17.0       | -3.0       | 8.1              | 7.7  | 7.6  | 7.7  | 7.7  | 8.7          | 49.8   | 0.0         |         | 0.7           | 5.8        | SE         | —                 |
| 04   | 4     | 6.9             | 14.5       | 1.4        | 8.4              | 8.1  | 8.0  | 7.8  | 7.7  | 8.8          | 72.3   | 0.0         |         | 0.4           | 4.9        | ESE        | —                 |
| 04   | 5     | 8.1             | 16.8       | 2.8        | 9.2              | 8.7  | 8.4  | 8.0  | 7.8  | 8.8          | 68.2   | 0.0         |         | 0.6           | 7.1        | SE         | —                 |
| 04   | 6     | 8.8             | 18.8       | 1.3        | 9.6              | 9.0  | 8.7  | 8.2  | 7.8  | 8.8          | 60.3   | 0.0         |         | 0.6           | 4.8        | SE         | —                 |
| 04   | 7     | 10.4            | 20.1       | 2.3        | 10.6             | 9.7  | 9.2  | 8.4  | 7.9  | 8.8          | 49.0   | 0.0         |         | 0.7           | 4.7        | SSE        | —                 |
| 04   | 8     | 10.4            | 19.1       | 3.5        | 10.5             | 10.0 | 9.6  | 8.6  | 7.9  | 8.8          | 60.6   | 0.0         |         | 0.6           | 4.9        | ESE        | —                 |
| 04   | 9     | 12.8            | 23.4       | 4.1        | 11.4             | 10.5 | 10.0 | 8.9  | 8.0  | 8.8          | 41.1   | 0.0         |         | 1.1           | 4.9        | WSW        | —                 |
| 04   | 10    | 15.0            | 24.7       | 7.0        | 12.3             | 11.2 | 10.5 | 9.2  | 8.1  | 8.8          | 40.6   | 0.0         |         | 0.9           | 5.0        | NE         | —                 |
| 04   | 11    | 15.6            | 25.1       | 7.9        | 13.0             | 11.9 | 11.2 | 9.5  | 8.2  | 8.9          | 45.8   | 0.0         |         | 1.0           | 6.4        | ESE        | —                 |
| 04   | 12    | 13.6            | 20.5       | 8.2        | 14.0             | 12.7 | 11.9 | 9.9  | 8.4  | 8.9          | 71.2   | 0.0         |         | 0.7           | 5.7        | SE         | —                 |
| 04   | 13    | 14.6            | 23.0       | 8.5        | 13.7             | 12.9 | 12.3 | 10.3 | 8.5  | 8.9          | 61.0   | 0.0         |         | 0.8           | 5.2        | NE         | —                 |
| 04   | 14    | 12.2            | 17.8       | 10.0       | 12.3             | 12.2 | 12.1 | 10.6 | 8.7  | 8.9          | 80.9   | 14.5        |         | 0.5           | 7.5        | WNW        | —                 |
| 04   | 15    | 13.8            | 22.3       | 7.4        | 13.7             | 12.6 | 12.1 | 10.7 | 8.8  | 8.9          | 73.7   | 1.0         |         | 0.8           | 7.6        | SW         | —                 |
| 04   | 16    | 13.2            | 21.5       | 6.6        | 13.9             | 13.0 | 12.5 | 11.0 | 9.0  | 8.9          | 79.2   | 0.5         |         | 0.8           | 6.7        | ESE        | —                 |
| 04   | 17    | 8.1             | 9.6        | 7.1        | 12.4             | 12.8 | 12.6 | 11.3 | 9.2  | 9.0          | 99.7   | 5.5         |         | 0.2           | 3.4        | ESE        | —                 |
| 04   | 18    | 11.4            | 19.1       | 4.9        | 13.5             | 12.6 | 12.3 | 11.3 | 9.3  | 9.0          | 84.3   | 0.0         |         | 0.4           | 5.5        | SE         | —                 |
| 04   | 19    | 14.1            | 23.1       | 7.4        | 14.2             | 13.4 | 12.8 | 11.5 | 9.5  | 9.0          | 67.6   | 0.0         |         | 0.6           | 6.1        | SE         | —                 |
| 04   | 20    | 10.2            | 15.5       | 7.3        | 13.4             | 13.3 | 13.0 | 11.7 | 9.7  | 9.1          | 89.6   | 0.0         |         | 0.5           | 5.0        | ESE        | —                 |
| 04   | 21    | 11.5            | 15.0       | 8.5        | 12.8             | 12.9 | 12.8 | 11.8 | 9.8  | 9.2          | 94.6   | 21.5        |         | 0.3           | 4.9        | E          | —                 |
| 04   | 22    | 14.6            | 22.1       | 9.1        | 14.8             | 13.6 | 13.0 | 11.9 | 9.9  | 9.2          | 85.4   | 0.0         |         | 0.6           | 5.5        | SE         | —                 |
| 04   | 23    | 10.3            | 18.9       | 3.7        | 14.2             | 14.0 | 13.6 | 12.2 | 10.1 | 9.3          | 64.4   | 0.0         |         | 0.9           | 6.3        | SE         | —                 |
| 04   | 24    | 8.7             | 16.7       | 2.7        | 13.3             | 13.2 | 13.1 | 12.3 | 10.3 | 9.3          | 80.8   | 0.0         |         | 0.8           | 6.5        | ESE        | —                 |
| 04   | 25    | 6.5             | 7.5        | 5.9        | 11.3             | 12.4 | 12.7 | 12.3 | 10.4 | 9.4          | 100.0  | 36.0        |         | 0.3           | 4.3        | E          | —                 |
| 04   | 26    | 11.0            | 18.8       | 4.3        | 12.6             | 12.1 | 12.1 | 12.2 | 10.6 | 9.5          | 64.9   | 0.0         |         | 1.4           | 11.3       | W          | —                 |
| 04   | 27    | 7.4             | 16.7       | 1.0        | 11.4             | 11.9 | 12.1 | 12.1 | 10.7 | 9.6          | 57.8   | 0.0         |         | 0.4           | 7.0        | SW         | —                 |
| 04   | 28    | 8.1             | 17.5       | 0.7        | 11.4             | 11.5 | 11.6 | 12.0 | 10.8 | 9.6          | 45.8   | 0.0         |         | 0.7           | 8.4        | SSE        | —                 |
| 04   | 29    | 10.4            | 20.0       | 1.7        | 12.0             | 11.9 | 11.8 | 11.8 | 10.8 | 9.7          | 43.6   | 0.0         |         | 0.7           | 5.2        | SE         | —                 |
| 04   | 30    | 12.4            | 22.2       | 3.8        | 12.7             | 12.3 | 12.1 | 11.8 | 10.9 | 9.8          | 45.5   | 0.0         |         | 0.5           | 4.8        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 81.5        |         |               |            |            |                   |
| 平均   | Mean  | 10.5            | 18.3       | 4.5        | 11.8             | 11.4 | 11.1 | 10.3 | 9.1  | 9.1          | 67.6   | 2.7         |         | 0.7           | 5.9        |            |                   |
| 最大   | Max.  | 15.6            | 25.1       | 10.0       | 14.8             | 14.0 | 13.6 | 12.3 | 10.9 | 9.8          | 100.0  | 36.0        |         | 1.4           | 11.3       |            |                   |
| 最低   | Min.  | 3.0             | 7.5        | -3.0       | 6.7              | 7.4  | 7.4  | 7.7  | 7.7  | 8.7          | 40.6   | 0.0         |         | 0.2           | 3.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 14.8            | 23.8       | 6.6        | 13.7             | 13.0 | 12.6 | 12.0 | 10.9 | 9.9          | 51.5   | 0.0         |         | 0.5           | 5.6        | SE         | —                 |
| 05   | 2     | 16.1            | 24.2       | 8.8        | 14.7             | 13.8 | 13.2 | 12.2 | 10.9 | 9.9          | 59.6   | 0.0         |         | 0.5           | 5.4        | SE         | —                 |
| 05   | 3     | 15.4            | 21.9       | 10.5       | 15.1             | 14.3 | 13.8 | 12.4 | 11.0 | 10.0         | 73.6   | 0.0         |         | 0.6           | 5.2        | ESE        | —                 |
| 05   | 4     | 14.6            | 20.3       | 11.1       | 15.1             | 14.5 | 14.1 | 12.7 | 11.1 | 10.1         | 79.6   | 0.0         |         | 0.6           | 5.6        | ESE        | —                 |
| 05   | 5     | 11.8            | 16.3       | 9.4        | 13.8             | 14.0 | 14.0 | 13.0 | 11.2 | 10.1         | 90.2   | 22.0        |         | 0.4           | 3.4        | SE         | —                 |
| 05   | 6     | 10.3            | 12.0       | 8.9        | 12.2             | 12.9 | 13.2 | 13.0 | 11.2 | 10.2         | 99.4   | 50.5        |         | 0.0           | 3.1        | W          | —                 |
| 05   | 7     | 11.2            | 12.7       | 9.7        | 12.1             | 12.4 | 12.7 | 13.0 | 11.5 | 10.3         | 99.0   | 26.0        |         | 0.0           | 0.0        | —          | —                 |
| 05   | 8     | 12.5            | 15.7       | 10.0       | 13.0             | 12.9 | 12.9 | 12.8 | 11.6 | 10.3         | 98.7   | 33.5        |         | 0.2           | 5.8        | W          | —                 |
| 05   | 9     | 16.6            | 25.7       | 9.0        | 15.2             | 14.0 | 13.5 | 12.9 | 11.8 | 10.4         | 79.8   | 0.0         |         | 0.5           | 4.7        | ESE        | —                 |
| 05   | 10    | 20.7            | 30.5       | 12.4       | 17.0             | 15.6 | 14.8 | 13.2 | 11.8 | 10.5         | 62.7   | 0.0         |         | 0.5           | 4.6        | E          | —                 |
| 05   | 11    | 17.9            | 23.1       | 13.3       | 16.8             | 16.1 | 15.5 | 13.6 | 11.8 | 10.6         | 77.8   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 05   | 12    | 16.7            | 21.7       | 12.0       | 16.4             | 15.9 | 15.5 | 13.9 | 11.9 | 10.6         | 85.8   | 0.0         |         | 0.2           | 5.0        | ESE        | —                 |
| 05   | 13    | 15.5            | 21.3       | 6.7        | 16.7             | 16.2 | 15.7 | 14.2 | 12.0 | 10.7         | 77.0   | 0.0         |         | 0.8           | 6.6        | ESE        | —                 |
| 05   | 14    | 12.5            | 22.5       | 5.2        | 15.1             | 15.3 | 15.2 | 14.3 | 12.2 | 10.8         | 52.0   | 0.0         |         | 1.1           | 13.1       | SW         | —                 |
| 05   | 15    | 11.9            | 19.4       | 4.2        | 14.6             | 14.7 | 14.7 | 14.3 | 12.3 | 10.8         | 55.3   | 0.0         |         | 0.6           | 5.9        | ESE        | —                 |
| 05   | 16    | 10.2            | 14.0       | 6.5        | 13.8             | 14.3 | 14.4 | 14.2 | 12.5 | 10.9         | 88.0   | 0.0         |         | 0.2           | 3.1        | ESE        | —                 |
| 05   | 17    | 12.6            | 18.4       | 9.7        | 14.0             | 14.1 | 14.2 | 14.1 | 12.5 | 10.9         | 97.1   | 1.0         |         | 0.9           | 11.2       | E          | —                 |
| 05   | 18    | 18.0            | 25.0       | 10.9       | 16.4             | 15.2 | 14.7 | 14.0 | 12.6 | 11.0         | 66.8   | 1.0         |         | 0.7           | 5.8        | ESE        | —                 |
| 05   | 19    | 16.2            | 22.8       | 10.7       | 15.7             | 15.5 | 15.3 | 14.2 | 12.6 | 11.0         | 57.7   | 0.0         |         | 0.2           | 4.0        | SSE        | —                 |
| 05   | 20    | 19.1            | 29.0       | 10.4       | 16.0             | 15.5 | 15.2 | 14.4 | 12.7 | 11.1         | 41.4   | 0.0         |         | 1.0           | 9.6        | W          | —                 |
| 05   | 21    | 19.8            | 27.5       | 12.4       | 16.8             | 16.1 | 15.6 | 14.5 | 12.8 | 11.2         | 48.5   | 0.0         |         | 1.1           | 8.0        | SSW        | —                 |
| 05   | 22    | 19.2            | 25.6       | 13.5       | 16.8             | 16.4 | 16.0 | 14.7 | 12.9 | 11.3         | 50.8   | 0.0         |         | 1.7           | 10.8       | WNW        | —                 |
| 05   | 23    | 18.1            | 24.2       | 11.9       | 17.0             | 16.5 | 16.1 | 14.9 | 13.0 | 11.3         | 73.8   | 0.0         |         | 0.4           | 4.3        | E          | —                 |
| 05   | 24    | 14.1            | 17.2       | 10.7       | 16.4             | 16.4 | 16.2 | 15.1 | 13.1 | 11.3         | 93.7   | 14.0        |         | 0.1           | 3.2        | E          | —                 |
| 05   | 25    | 14.6            | 23.0       | 10.3       | 16.4             | 16.2 | 15.9 | 15.2 | 13.1 | 11.4         | 81.2   | 0.0         |         | 0.5           | 4.8        | W          | —                 |
| 05   | 26    | 17.9            | 27.0       | 9.9        | 16.8             | 16.4 | 16.1 | 15.2 | 13.2 | 11.5         | 62.0   | 0.0         |         | 1.0           | 5.8        | NNE        | —                 |
| 05   | 27    | 14.6            | 17.2       | 11.4       | 16.1             | 16.3 | 16.2 | 15.3 | 13.3 | 11.5         | 90.1   | 0.0         |         | 0.2           | 3.1        | ESE        | —                 |
| 05   | 28    | 12.6            | 14.1       | 11.3       | 15.4             | 15.8 | 15.9 | 15.4 | 13.4 | 11.6         | 95.6   | 19.0        |         | 0.0           | 0.6        | E          | —                 |
| 05   | 29    | 13.4            | 15.7       | 11.0       | 14.5             | 14.9 | 15.1 | 15.3 | 13.4 | 11.6         | 98.3   | 33.5        |         | 0.1           | 2.5        | ESE        | —                 |
| 05   | 30    | 14.8            | 18.2       | 12.4       | 15.6             | 15.5 | 15.4 | 15.2 | 13.6 | 11.7         | 98.0   | 20.5        |         | 0.2           | 3.6        | E          | —                 |
| 05   | 31    | 15.0            | 17.1       | 12.8       | 15.7             | 15.7 | 15.7 | 15.3 | 13.7 | 11.7         | 97.9   | 19.5        |         | 0.1           | 3.5        | E          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 240.5       |         |               |            |            |                   |
| 平均   | Mean  | 15.1            | 20.9       | 10.1       | 15.3             | 15.0 | 14.8 | 14.0 | 12.3 | 10.8         | 76.9   | 7.8         |         | 0.5           | 5.2        |            |                   |
| 最大   | Max.  | 20.7            | 30.5       | 13.5       | 17.0             | 16.5 | 16.2 | 15.4 | 13.7 | 11.7         | 99.4   | 50.5        |         | 1.7           | 13.1       |            |                   |
| 最低   | Min.  | 10.2            | 12.0       | 4.2        | 12.1             | 12.4 | 12.6 | 12.0 | 10.9 | 9.9          | 41.4   | 0.0         |         | 0.0           | 0.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 13.5            | 17.8       | 8.4        | 15.6             | 15.7 | 15.7 | 15.4 | 13.8 | 11.9         | 92.3   | 0.5         |         | 0.1           | 3.6        | ESE        | —                 |
| 06   | 2     | 15.5            | 23.6       | 7.3        | 15.9             | 15.7 | 15.6 | 15.4 | 13.9 | 12.0         | 79.3   | 0.0         |         | 0.4           | 6.1        | SE         | —                 |
| 06   | 3     | 15.7            | 20.7       | 12.4       | 16.3             | 16.2 | 16.1 | 15.5 | 13.9 | 12.1         | 82.5   | 0.0         |         | 0.7           | 7.2        | SW         | —                 |
| 06   | 4     | 15.7            | 18.6       | 11.6       | 16.4             | 16.2 | 16.2 | 15.6 | 14.0 | 12.2         | 83.2   | 0.0         |         | 0.4           | 3.4        | ESE        | —                 |
| 06   | 5     | 14.5            | 16.1       | 12.8       | 16.1             | 16.2 | 16.2 | 15.7 | 14.1 | 12.2         | 97.1   | 5.0         |         | 0.1           | 2.9        | ENE        | —                 |
| 06   | 6     | 15.9            | 21.7       | 12.8       | 16.8             | 16.3 | 16.2 | 15.7 | 14.1 | 12.3         | 94.3   | 4.5         |         | 0.1           | 3.3        | SE         | —                 |
| 06   | 7     | 19.2            | 27.6       | 12.9       | 19.4             | 17.9 | 17.1 | 15.8 | 14.1 | 12.3         | 75.7   | 0.0         |         | 0.6           | 5.3        | ESE        | —                 |
| 06   | 8     | 16.0            | 20.5       | 12.8       | 18.3             | 18.2 | 17.7 | 16.2 | 14.2 | 12.4         | 91.8   | 8.0         |         | 0.4           | 3.8        | ESE        | —                 |
| 06   | 9     | 16.5            | 21.0       | 11.2       | 18.1             | 17.7 | 17.4 | 16.4 | 14.3 | 12.4         | 90.0   | 0.0         |         | 0.3           | 3.8        | ESE        | —                 |
| 06   | 10    | 17.3            | 21.2       | 14.0       | 18.3             | 18.0 | 17.7 | 16.5 | 14.4 | 12.5         | 84.3   | 2.0         |         | 0.9           | 9.4        | SW         | —                 |
| 06   | 11    | 16.2            | 24.2       | 12.1       | 17.9             | 17.7 | 17.6 | 16.6 | 14.5 | 12.5         | 90.9   | 2.5         |         | 0.3           | 3.5        | NNW        | —                 |
| 06   | 12    | 16.9            | 25.0       | 9.5        | 18.4             | 17.9 | 17.5 | 16.7 | 14.6 | 12.6         | 75.7   | 0.0         |         | 0.6           | 5.4        | E          | —                 |
| 06   | 13    | 17.8            | 22.8       | 12.7       | 18.8             | 18.3 | 17.9 | 16.8 | 14.7 | 12.6         | 83.2   | 0.0         |         | 0.6           | 4.6        | ESE        | —                 |
| 06   | 14    | 16.3            | 18.8       | 14.2       | 17.8             | 18.2 | 18.0 | 16.9 | 14.7 | 12.7         | 95.7   | 21.0        |         | 0.2           | 7.0        | E          | —                 |
| 06   | 15    | 15.6            | 19.4       | 12.6       | 17.3             | 17.4 | 17.5 | 17.0 | 14.8 | 12.7         | 95.5   | 26.0        |         | 0.2           | 3.5        | ESE        | —                 |
| 06   | 16    | 14.5            | 18.1       | 11.5       | 16.8             | 17.3 | 17.4 | 17.1 | 15.1 | 12.8         | 98.0   | 40.5        |         | 0.3           | 4.6        | ESE        | —                 |
| 06   | 17    | 16.1            | 22.0       | 10.0       | 17.7             | 17.3 | 17.2 | 17.1 | 15.3 | 13.0         | 90.1   | 4.0         |         | 0.2           | 4.1        | ESE        | —                 |
| 06   | 18    | 15.5            | 18.1       | 12.7       | 17.8             | 17.9 | 17.8 | 17.1 | 15.4 | 13.1         | 97.6   | 1.0         |         | 0.1           | 4.3        | ESE        | —                 |
| 06   | 19    | 18.6            | 26.1       | 11.2       | 19.1             | 18.2 | 17.8 | 17.1 | 15.4 | 13.2         | 82.3   | 0.0         |         | 0.4           | 7.4        | ESE        | —                 |
| 06   | 20    | 18.2            | 21.3       | 15.1       | 19.8             | 19.2 | 18.7 | 17.3 | 15.4 | 13.2         | 89.2   | 0.0         |         | 0.3           | 5.8        | ESE        | —                 |
| 06   | 21    | 19.0            | 21.8       | 16.8       | 19.5             | 19.2 | 18.8 | 17.6 | 15.5 | 13.3         | 96.6   | 19.5        |         | 0.1           | 1.9        | ESE        | —                 |
| 06   | 22    | 19.4            | 21.7       | 17.1       | 19.7             | 19.5 | 19.1 | 17.9 | 15.6 | 13.3         | 97.3   | 4.0         |         | 0.1           | 3.7        | E          | —                 |
| 06   | 23    | 22.0            | 30.1       | 17.8       | 21.4             | 20.4 | 19.6 | 18.1 | 15.7 | 13.4         | 85.5   | 13.0        |         | 0.4           | 4.3        | SW         | —                 |
| 06   | 24    | 19.4            | 25.5       | 17.1       | 20.8             | 20.6 | 20.1 | 18.4 | 15.8 | 13.5         | 89.2   | 6.5         |         | 0.2           | 3.6        | ESE        | —                 |
| 06   | 25    | 19.9            | 26.0       | 15.7       | 21.2             | 20.7 | 20.2 | 18.7 | 16.0 | 13.6         | 82.3   | 0.0         |         | 0.4           | 5.1        | SE         | —                 |
| 06   | 26    | 21.3            | 29.8       | 14.9       | 21.5             | 20.9 | 20.4 | 18.8 | 16.1 | 13.6         | 69.8   | 0.0         |         | 0.5           | 3.2        | WNW        | —                 |
| 06   | 27    | 22.8            | 30.8       | 15.7       | 22.1             | 21.3 | 20.7 | 19.0 | 16.3 | 13.7         | 69.3   | 0.0         |         | 0.6           | 4.0        | WNW        | —                 |
| 06   | 28    | 19.1            | 23.4       | 15.2       | 21.1             | 21.2 | 20.9 | 19.3 | 16.4 | 13.8         | 85.9   | 3.0         |         | 0.4           | 3.6        | ENE        | —                 |
| 06   | 29    | 20.1            | 27.7       | 14.1       | 21.1             | 20.8 | 20.5 | 19.4 | 16.5 | 13.8         | 78.9   | 1.0         |         | 0.5           | 3.4        | WNW        | —                 |
| 06   | 30    | 19.0            | 22.6       | 16.5       | 20.6             | 20.7 | 20.5 | 19.4 | 16.6 | 13.9         | 94.3   | 1.0         |         | 0.1           | 2.5        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 163.0       |         |               |            |            |                   |
| 平均   | Mean  | 17.6            | 22.8       | 13.3       | 18.7             | 18.4 | 18.1 | 17.1 | 15.0 | 12.9         | 87.3   | 5.4         |         | 0.4           | 4.5        |            |                   |
| 最大   | Max.  | 22.8            | 30.8       | 17.8       | 22.1             | 21.3 | 20.9 | 19.4 | 16.6 | 13.9         | 98.0   | 40.5        |         | 0.9           | 9.4        |            |                   |
| 最低   | Min.  | 13.5            | 16.1       | 7.3        | 15.6             | 15.7 | 15.6 | 15.4 | 13.8 | 11.9         | 69.3   | 0.0         |         | 0.1           | 1.9        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 19.0            | 20.4       | 18.3       | 20.3             | 20.4 | 20.4 | 19.4 | 16.7 | 13.9         | 98.2   | 5.5         |         | 0.2           | 3.1        | E          | —                 |
| 07   | 2     | 19.1            | 21.0       | 18.0       | 20.2             | 20.2 | 20.2 | 19.4 | 16.8 | 14.0         | 97.9   | 2.5         |         | 0.1           | 3.3        | E          | —                 |
| 07   | 3     | 18.8            | 21.4       | 16.7       | 20.5             | 20.4 | 20.3 | 19.4 | 16.9 | 14.1         | 96.5   | 14.0        |         | 0.3           | 4.3        | ESE        | —                 |
| 07   | 4     | 19.5            | 23.7       | 15.9       | 20.7             | 20.5 | 20.3 | 19.5 | 17.0 | 14.1         | 92.1   | 1.0         |         | 0.2           | 3.6        | ESE        | —                 |
| 07   | 5     | 20.0            | 24.2       | 16.1       | 21.5             | 21.0 | 20.7 | 19.5 | 17.1 | 14.2         | 88.4   | 0.0         |         | 0.4           | 4.9        | ESE        | —                 |
| 07   | 6     | 18.7            | 21.4       | 15.7       | 20.6             | 20.7 | 20.6 | 19.7 | 17.2 | 14.3         | 95.9   | 3.0         |         | 0.1           | 3.2        | E          | —                 |
| 07   | 7     | 22.3            | 29.0       | 16.3       | 21.9             | 21.2 | 20.7 | 19.7 | 17.2 | 14.3         | 83.6   | 0.0         |         | 0.4           | 5.5        | S          | —                 |
| 07   | 8     | 21.3            | 23.1       | 19.2       | 21.4             | 21.4 | 21.2 | 19.9 | 17.3 | 14.4         | 88.1   | 0.5         |         | 0.4           | 6.4        | NNW        | —                 |
| 07   | 9     | 21.4            | 24.3       | 19.1       | 21.2             | 21.1 | 21.0 | 20.0 | 17.4 | 14.5         | 90.0   | 0.0         |         | 0.3           | 4.3        | WNW        | —                 |
| 07   | 10    | 23.7            | 27.4       | 18.9       | 21.8             | 21.4 | 21.1 | 20.0 | 17.5 | 14.5         | 77.8   | 0.5         |         | 0.8           | 10.3       | NW         | —                 |
| 07   | 11    | 20.3            | 23.5       | 17.9       | 21.7             | 21.5 | 21.3 | 20.2 | 17.6 | 14.6         | 85.4   | 0.0         |         | 0.3           | 4.1        | ESE        | —                 |
| 07   | 12    | 20.5            | 25.5       | 16.8       | 21.5             | 21.3 | 21.2 | 20.2 | 17.7 | 14.7         | 85.2   | 0.0         |         | 0.3           | 4.1        | SE         | —                 |
| 07   | 13    | 23.7            | 31.8       | 17.7       | 22.0             | 21.6 | 21.3 | 20.2 | 17.8 | 14.8         | 70.0   | 0.0         |         | 0.9           | 9.7        | WNW        | —                 |
| 07   | 14    | 24.2            | 30.2       | 19.3       | 23.6             | 22.5 | 21.9 | 20.4 | 17.8 | 14.8         | 70.6   | 0.0         |         | 0.6           | 5.5        | ESE        | —                 |
| 07   | 15    | 25.1            | 33.8       | 18.9       | 24.5             | 23.6 | 22.8 | 20.6 | 17.9 | 14.9         | 69.3   | 0.0         |         | 0.6           | 7.9        | WNW        | —                 |
| 07   | 16    | 25.2            | 31.6       | 19.2       | 24.8             | 23.9 | 23.1 | 21.0 | 18.0 | 15.0         | 70.6   | 0.0         |         | 0.7           | 4.6        | ESE        | —                 |
| 07   | 17    | 21.4            | 26.1       | 17.5       | 23.7             | 23.6 | 23.2 | 21.3 | 18.0 | 15.0         | 90.7   | 17.5        |         | 0.3           | 4.3        | W          | —                 |
| 07   | 18    | 21.9            | 25.6       | 18.9       | 23.4             | 23.2 | 23.0 | 21.4 | 18.2 | 15.1         | 91.3   | 0.5         |         | 0.2           | 3.4        | SSE        | —                 |
| 07   | 19    | 22.5            | 28.2       | 18.6       | 23.0             | 22.9 | 22.8 | 21.5 | 18.3 | 15.1         | 80.1   | 0.0         |         | 0.5           | 4.5        | NW         | —                 |
| 07   | 20    | 21.5            | 28.2       | 16.9       | 22.9             | 22.7 | 22.6 | 21.5 | 18.5 | 15.2         | 79.7   | 0.0         |         | 0.7           | 4.3        | E          | —                 |
| 07   | 21    | 18.4            | 19.8       | 17.4       | 21.7             | 22.3 | 22.4 | 21.5 | 18.6 | 15.3         | 95.3   | 0.5         |         | 0.3           | 3.1        | ESE        | —                 |
| 07   | 22    | 19.8            | 23.2       | 16.8       | 21.3             | 21.5 | 21.7 | 21.4 | 18.7 | 15.3         | 96.4   | 1.0         |         | 0.1           | 2.8        | E          | —                 |
| 07   | 23    | 20.7            | 24.1       | 18.8       | 21.8             | 21.8 | 21.8 | 21.2 | 18.8 | 15.4         | 94.9   | 1.0         |         | 0.3           | 3.1        | ESE        | —                 |
| 07   | 24    | 22.5            | 29.3       | 19.5       | 23.3             | 22.6 | 22.1 | 21.2 | 18.8 | 15.5         | 90.7   | 13.0        |         | 0.4           | 8.8        | SSE        | —                 |
| 07   | 25    | 23.2            | 29.8       | 19.9       | 23.4             | 23.2 | 22.8 | 21.4 | 18.8 | 15.5         | 84.3   | 0.0         |         | 0.7           | 6.7        | W          | —                 |
| 07   | 26    | 25.3            | 33.1       | 19.7       | 24.7             | 23.8 | 23.1 | 21.6 | 18.9 | 15.6         | 74.3   | 0.0         |         | 0.9           | 6.1        | WNW        | —                 |
| 07   | 27    | 21.7            | 26.4       | 19.1       | 23.4             | 23.6 | 23.4 | 21.8 | 19.0 | 15.7         | 86.4   | 0.5         |         | 0.7           | 6.4        | WNW        | —                 |
| 07   | 28    | 21.4            | 24.3       | 18.2       | 23.1             | 23.1 | 23.0 | 21.9 | 19.1 | 15.8         | 90.9   | 0.5         |         | 0.5           | 3.9        | ESE        | —                 |
| 07   | 29    | 21.9            | 25.2       | 19.4       | 22.8             | 22.9 | 22.9 | 21.9 | 19.2 | 15.8         | 91.3   | 0.5         |         | 0.7           | 6.9        | WNW        | —                 |
| 07   | 30    | 23.5            | 28.3       | 19.8       | 23.5             | 23.1 | 22.9 | 21.9 | 19.3 | 15.9         | 91.2   | 7.5         |         | 0.4           | 4.1        | E          | —                 |
| 07   | 31    | 20.1            | 22.8       | 19.2       | 22.5             | 22.9 | 23.0 | 22.0 | 19.3 | 16.0         | 98.3   | 18.5        |         | 0.3           | 3.3        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 88.0        |         |               |            |            |                   |
| 平均   | Mean  | 21.6            | 26.0       | 18.2       | 22.3             | 22.1 | 21.9 | 20.7 | 18.0 | 14.9         | 86.9   | 2.8         |         | 0.4           | 5.0        |            |                   |
| 最大   | Max.  | 25.3            | 33.8       | 19.9       | 24.8             | 23.9 | 23.4 | 22.0 | 19.3 | 16.0         | 98.3   | 18.5        |         | 0.9           | 10.3       |            |                   |
| 最低   | Min.  | 18.4            | 19.8       | 15.7       | 20.2             | 20.2 | 20.2 | 19.4 | 16.7 | 13.9         | 69.3   | 0.0         |         | 0.1           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 20.1            | 22.4       | 18.9       | 22.0             | 22.4 | 22.5 | 22.0 | 19.4 | 16.1         | 97.8   | 13.0        |         | 0.2           | 2.8        | ESE        | —                 |
| 08   | 2     | 20.1            | 22.3       | 19.0       | 21.8             | 22.1 | 22.3 | 22.0 | 19.5 | 16.1         | 98.5   | 14.0        |         | 0.2           | 2.7        | ESE        | —                 |
| 08   | 3     | 22.0            | 26.4       | 17.6       | 22.9             | 22.6 | 22.4 | 21.9 | 19.6 | 16.2         | 90.3   | 0.0         |         | 0.4           | 4.3        | E          | —                 |
| 08   | 4     | 22.5            | 27.4       | 19.2       | 23.3             | 23.2 | 22.9 | 22.0 | 19.7 | 16.3         | 88.3   | 0.0         |         | 0.2           | 6.2        | SE         | —                 |
| 08   | 5     | 23.4            | 29.6       | 19.0       | 23.8             | 23.4 | 23.1 | 22.1 | 19.7 | 16.4         | 88.1   | 0.0         |         | 0.3           | 5.3        | ESE        | —                 |
| 08   | 6     | 23.3            | 28.6       | 20.6       | 24.1             | 23.8 | 23.5 | 22.2 | 19.8 | 16.5         | 91.3   | 0.5         |         | 0.3           | 5.5        | ESE        | —                 |
| 08   | 7     | 23.1            | 28.6       | 20.0       | 24.1             | 23.9 | 23.6 | 22.4 | 19.8 | 16.6         | 93.8   | 4.5         |         | 0.3           | 5.5        | SE         | —                 |
| 08   | 8     | 22.3            | 27.4       | 19.3       | 23.7             | 23.8 | 23.6 | 22.5 | 19.9 | 16.7         | 94.7   | 11.5        |         | 0.2           | 4.6        | ESE        | —                 |
| 08   | 9     | 22.1            | 25.4       | 19.9       | 23.5             | 23.6 | 23.6 | 22.6 | 19.9 | 16.7         | 95.9   | 0.5         |         | 0.2           | 3.4        | ESE        | —                 |
| 08   | 10    | 22.1            | 23.9       | 20.6       | 23.0             | 23.3 | 23.3 | 22.7 | 20.0 | 16.8         | 97.3   | 12.5        |         | 0.0           | 4.3        | SE         | —                 |
| 08   | 11    | 23.9            | 29.9       | 19.6       | 24.2             | 23.8 | 23.5 | 22.7 | 20.1 | 16.9         | 89.5   | 0.5         |         | 0.7           | 6.4        | ESE        | —                 |
| 08   | 12    | 24.3            | 30.1       | 20.7       | 25.2             | 24.7 | 24.2 | 22.8 | 20.2 | 16.9         | 87.7   | 0.5         |         | 0.3           | 4.6        | SE         | —                 |
| 08   | 13    | 24.5            | 30.2       | 20.4       | 25.3             | 25.0 | 24.6 | 23.1 | 20.3 | 17.0         | 87.2   | 0.0         |         | 0.4           | 4.0        | SE         | —                 |
| 08   | 14    | 24.1            | 30.3       | 20.0       | 24.9             | 24.8 | 24.6 | 23.3 | 20.4 | 17.1         | 85.5   | 0.0         |         | 0.3           | 7.0        | SE         | —                 |
| 08   | 15    | 22.1            | 27.3       | 19.3       | 24.2             | 24.4 | 24.4 | 23.4 | 20.5 | 17.2         | 87.5   | 0.0         |         | 0.2           | 6.6        | ESE        | —                 |
| 08   | 16    | 22.3            | 30.4       | 16.3       | 24.2             | 24.3 | 24.2 | 23.4 | 20.6 | 17.2         | 69.9   | 0.0         |         | 0.5           | 4.6        | SSW        | —                 |
| 08   | 17    | 21.9            | 29.4       | 14.9       | 23.6             | 23.9 | 23.9 | 23.3 | 20.7 | 17.3         | 73.1   | 0.0         |         | 0.6           | 5.2        | E          | —                 |
| 08   | 18    | 20.7            | 26.7       | 16.2       | 23.3             | 23.7 | 23.8 | 23.3 | 20.8 | 17.4         | 86.9   | 0.0         |         | 0.2           | 5.6        | ESE        | —                 |
| 08   | 19    | 22.3            | 28.3       | 17.1       | 23.9             | 23.8 | 23.7 | 23.2 | 20.9 | 17.4         | 81.5   | 0.0         |         | 0.6           | 5.3        | ESE        | —                 |
| 08   | 20    | 22.1            | 27.6       | 17.9       | 24.1             | 24.1 | 23.9 | 23.2 | 21.0 | 17.5         | 83.7   | 0.0         |         | 0.5           | 4.7        | SE         | —                 |
| 08   | 21    | 20.4            | 24.1       | 17.2       | 22.8             | 23.5 | 23.7 | 23.2 | 21.0 | 17.6         | 91.3   | 0.0         |         | 0.2           | 2.8        | WNW        | —                 |
| 08   | 22    | 23.5            | 30.0       | 19.8       | 23.8             | 23.6 | 23.5 | 23.1 | 21.1 | 17.7         | 84.9   | 0.0         |         | 0.5           | 4.6        | ESE        | —                 |
| 08   | 23    | 21.6            | 26.0       | 18.3       | 23.6             | 23.8 | 23.8 | 23.1 | 21.1 | 17.7         | 84.1   | 0.0         |         | 0.5           | 3.8        | ESE        | —                 |
| 08   | 24    | 20.4            | 26.6       | 16.7       | 23.0             | 23.3 | 23.4 | 23.1 | 21.1 | 17.8         | 80.1   | 0.0         |         | 0.5           | 4.8        | ESE        | —                 |
| 08   | 25    | 18.6            | 22.3       | 16.6       | 22.3             | 22.8 | 23.1 | 23.0 | 21.2 | 17.9         | 85.2   | 0.0         |         | 0.5           | 4.3        | ESE        | —                 |
| 08   | 26    | 17.8            | 21.0       | 16.0       | 21.8             | 22.4 | 22.7 | 22.8 | 21.2 | 17.9         | 91.6   | 0.5         |         | 0.4           | 4.3        | ESE        | —                 |
| 08   | 27    | 19.6            | 25.8       | 14.5       | 22.3             | 22.4 | 22.5 | 22.6 | 21.2 | 18.0         | 83.7   | 0.0         |         | 0.5           | 4.1        | SSE        | —                 |
| 08   | 28    | 21.7            | 28.5       | 15.8       | 23.0             | 22.9 | 22.8 | 22.6 | 21.2 | 18.1         | 82.1   | 0.0         |         | 0.5           | 5.4        | SE         | —                 |
| 08   | 29    | 21.2            | 28.5       | 17.6       | 22.6             | 22.9 | 23.0 | 22.6 | 21.1 | 18.1         | 89.0   | 14.0        |         | 0.3           | 3.7        | E          | —                 |
| 08   | 30    | 18.8            | 19.9       | 17.5       | 21.7             | 22.3 | 22.6 | 22.6 | 21.0 | 18.0         | 98.0   | 7.5         |         | 0.0           | 3.0        | E          | —                 |
| 08   | 31    | 18.3            | 19.3       | 17.3       | 20.5             | 21.5 | 21.9 | 22.4 | 20.9 | 18.0         | 99.4   | 29.5        |         | 0.1           | 2.3        | WNW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 109.0       |         |               |            |            |                   |
| 平均   | Mean  | 21.6            | 26.6       | 18.2       | 23.3             | 23.4 | 23.4 | 22.7 | 20.5 | 17.2         | 88.3   | 3.5         |         | 0.4           | 4.6        |            |                   |
| 最大   | Max.  | 24.5            | 30.4       | 20.7       | 25.3             | 25.0 | 24.6 | 23.4 | 21.2 | 18.1         | 99.4   | 29.5        |         | 0.7           | 7.0        |            |                   |
| 最低   | Min.  | 17.8            | 19.3       | 14.5       | 20.5             | 21.5 | 21.9 | 21.9 | 19.4 | 16.1         | 69.9   | 0.0         |         | 0.0           | 2.3        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2009年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 20.5            | 25.1       | 17.2       | 21.0             | 21.3 | 21.7 | 22.2 | 20.9 | 18.1         | 94.1   | 3.0         |         | 0.2           | 3.7        | E          | —                 |
| 09   | 2     | 17.0            | 18.8       | 15.0       | 20.7             | 21.4 | 21.8 | 22.1 | 20.9 | 18.1         | 99.5   | 4.0         |         | 0.3           | 3.2        | E          | —                 |
| 09   | 3     | 16.1            | 17.8       | 15.0       | 19.8             | 20.7 | 21.2 | 21.9 | 20.8 | 18.2         | 98.5   | 1.0         |         | 0.0           | 2.4        | E          | —                 |
| 09   | 4     | 17.1            | 21.5       | 15.5       | 19.8             | 20.4 | 20.9 | 21.7 | 20.8 | 18.2         | 97.8   | 6.0         |         | 0.1           | 3.6        | ESE        | —                 |
| 09   | 5     | 19.8            | 27.3       | 13.6       | 20.8             | 20.8 | 21.0 | 21.5 | 20.7 | 18.2         | 87.3   | 0.0         |         | 0.3           | 4.9        | SE         | —                 |
| 09   | 6     | 20.1            | 26.8       | 15.4       | 21.6             | 21.6 | 21.6 | 21.5 | 20.6 | 18.3         | 85.5   | 0.0         |         | 0.4           | 4.8        | SE         | —                 |
| 09   | 7     | 20.2            | 27.2       | 13.9       | 21.9             | 21.9 | 21.9 | 21.6 | 20.6 | 18.3         | 82.6   | 0.0         |         | 0.6           | 4.9        | S          | —                 |
| 09   | 8     | 21.5            | 29.7       | 15.4       | 22.2             | 22.2 | 22.2 | 21.7 | 20.5 | 18.3         | 80.9   | 0.0         |         | 0.5           | 6.4        | SE         | —                 |
| 09   | 9     | 18.6            | 22.8       | 15.6       | 21.7             | 22.1 | 22.3 | 21.8 | 20.6 | 18.3         | 83.2   | 0.0         |         | 0.4           | 5.2        | ESE        | —                 |
| 09   | 10    | 17.7            | 26.1       | 11.1       | 20.8             | 21.4 | 21.7 | 21.9 | 20.6 | 18.4         | 67.0   | 0.0         |         | 0.5           | 7.2        | WSW        | —                 |
| 09   | 11    | 17.2            | 24.9       | 11.6       | 20.8             | 21.1 | 21.4 | 21.7 | 20.6 | 18.4         | 74.3   | 0.0         |         | 0.5           | 3.7        | SSW        | —                 |
| 09   | 12    | 15.6            | 18.1       | 14.2       | 19.2             | 20.3 | 21.0 | 21.6 | 20.6 | 18.4         | 94.8   | 18.0        |         | 0.0           | 3.5        | WSW        | —                 |
| 09   | 13    | 17.6            | 27.0       | 12.4       | 20.6             | 20.4 | 20.7 | 21.3 | 20.5 | 18.4         | 82.4   | 0.0         |         | 0.3           | 3.4        | SE         | —                 |
| 09   | 14    | 17.0            | 23.6       | 12.2       | 21.2             | 21.1 | 21.2 | 21.2 | 20.4 | 18.4         | 82.4   | 0.0         |         | 0.4           | 5.0        | SE         | —                 |
| 09   | 15    | 15.7            | 18.6       | 13.8       | 19.6             | 20.4 | 20.9 | 21.2 | 20.4 | 18.4         | 93.8   | 0.5         |         | 0.3           | 3.3        | ESE        | —                 |
| 09   | 16    | 18.4            | 28.6       | 13.6       | 21.4             | 21.0 | 20.9 | 21.1 | 20.3 | 18.4         | 76.8   | 0.0         |         | 0.5           | 4.3        | SE         | —                 |
| 09   | 17    | 16.7            | 24.3       | 10.8       | 21.1             | 21.1 | 21.2 | 21.1 | 20.3 | 18.4         | 80.7   | 0.0         |         | 0.3           | 4.5        | ESE        | —                 |
| 09   | 18    | 15.7            | 19.8       | 11.8       | 20.1             | 20.7 | 21.0 | 21.1 | 20.2 | 18.4         | 85.1   | 0.0         |         | 0.4           | 4.3        | ESE        | —                 |
| 09   | 19    | 16.0            | 22.3       | 12.7       | 19.3             | 20.0 | 20.5 | 21.0 | 20.2 | 18.4         | 80.9   | 0.0         |         | 0.3           | 4.2        | E          | —                 |
| 09   | 20    | 17.6            | 27.3       | 10.7       | 20.1             | 20.1 | 20.3 | 20.8 | 20.2 | 18.4         | 59.6   | 0.0         |         | 0.4           | 4.3        | S          | —                 |
| 09   | 21    | 14.9            | 21.5       | 9.0        | 20.1             | 20.2 | 20.4 | 20.7 | 20.1 | 18.4         | 81.8   | 0.0         |         | 0.5           | 5.4        | ESE        | —                 |
| 09   | 22    | 17.5            | 22.6       | 13.2       | 20.5             | 20.5 | 20.6 | 20.6 | 20.1 | 18.4         | 83.8   | 0.0         |         | 0.6           | 4.5        | SSE        | —                 |
| 09   | 23    | 17.9            | 23.8       | 15.4       | 20.6             | 20.6 | 20.7 | 20.6 | 20.0 | 18.4         | 86.4   | 0.0         |         | 0.4           | 4.8        | ESE        | —                 |
| 09   | 24    | 17.8            | 25.5       | 12.4       | 21.1             | 20.9 | 20.8 | 20.6 | 20.0 | 18.4         | 77.1   | 0.0         |         | 0.7           | 4.8        | W          | —                 |
| 09   | 25    | 18.5            | 27.1       | 12.6       | 21.3             | 21.0 | 20.9 | 20.7 | 20.0 | 18.4         | 74.9   | 0.0         |         | 0.8           | 5.1        | WSW        | —                 |
| 09   | 26    | 18.5            | 26.9       | 13.6       | 20.9             | 21.0 | 21.0 | 20.7 | 19.9 | 18.4         | 78.5   | 0.0         |         | 0.5           | 4.4        | W          | —                 |
| 09   | 27    | 16.3            | 18.3       | 14.9       | 19.6             | 20.3 | 20.7 | 20.7 | 19.9 | 18.4         | 91.4   | 0.0         |         | 0.3           | 3.1        | ESE        | —                 |
| 09   | 28    | 16.2            | 18.9       | 14.1       | 19.4             | 19.7 | 20.2 | 20.6 | 19.9 | 18.4         | 93.3   | 0.0         |         | 0.5           | 4.5        | ESE        | —                 |
| 09   | 29    | 17.6            | 21.2       | 15.0       | 19.3             | 19.6 | 20.0 | 20.4 | 19.9 | 18.4         | 96.7   | 1.0         |         | 0.1           | 2.9        | N          | —                 |
| 09   | 30    | 16.4            | 18.1       | 14.3       | 18.6             | 19.3 | 19.8 | 20.3 | 19.8 | 18.3         | 99.4   | 18.5        |         | 0.1           | 3.2        | E          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 52.0        |         |               |            |            |                   |
| 平均   | Mean  | 17.6            | 23.4       | 13.5       | 20.5             | 20.8 | 21.0 | 21.2 | 20.3 | 18.3         | 85.0   | 1.7         |         | 0.4           | 4.3        |            |                   |
| 最大   | Max.  | 21.5            | 29.7       | 17.2       | 22.2             | 22.2 | 22.3 | 22.2 | 20.9 | 18.4         | 99.5   | 18.5        |         | 0.8           | 7.2        |            |                   |
| 最低   | Min.  | 14.9            | 17.8       | 9.0        | 18.6             | 19.3 | 19.8 | 20.3 | 19.8 | 18.1         | 59.6   | 0.0         |         | 0.0           | 2.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 10月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 15.1            | 17.3       | 12.7       | 18.1             | 18.7 | 19.4 | 20.2 | 19.7 | 18.3         | 97.3   | 0.0         |         | 0.2           | 4.0        | ESE        | —                 |
| 10   | 2     | 15.1            | 18.1       | 13.9       | 17.7             | 18.5 | 19.1 | 20.0 | 19.6 | 18.3         | 99.6   | 7.5         |         | 0.1           | 8.9        | NNE        | —                 |
| 10   | 3     | 16.8            | 20.8       | 14.0       | 18.3             | 18.6 | 19.1 | 19.8 | 19.5 | 18.3         | 95.8   | 1.5         |         | 0.3           | 4.9        | E          | —                 |
| 10   | 4     | 15.1            | 19.0       | 11.2       | 18.6             | 18.9 | 19.2 | 19.7 | 19.4 | 18.2         | 92.9   | 0.0         |         | 0.4           | 4.8        | ESE        | —                 |
| 10   | 5     | 12.8            | 16.2       | 10.4       | 16.7             | 17.8 | 18.7 | 19.6 | 19.4 | 18.2         | 95.1   | 4.0         |         | 0.0           | 3.7        | WNW        | —                 |
| 10   | 6     | 13.3            | 15.1       | 12.2       | 16.3             | 17.2 | 18.1 | 19.4 | 19.3 | 18.2         | 99.1   | 8.0         |         | 0.0           | 4.1        | ESE        | —                 |
| 10   | 7     | 12.8            | 13.7       | 11.9       | 15.6             | 16.8 | 17.7 | 19.1 | 19.2 | 18.2         | 99.6   | 33.0        |         | 0.0           | 0.9        | ENE        | —                 |
| 10   | 8     | 14.0            | 19.8       | 11.3       | 13.2             | 14.2 | 15.1 | 18.0 | 19.1 | 18.3         | 86.1   | 85.0        |         | 1.3           | 11.5       | NW         | —                 |
| 10   | 9     | 13.6            | 20.4       | 8.9        | 15.4             | 15.3 | 15.7 | 17.4 | 18.9 | 18.4         | 69.8   | 0.0         |         | 0.8           | 7.6        | WSW        | —                 |
| 10   | 10    | 11.2            | 15.8       | 7.7        | 15.3             | 15.8 | 16.3 | 17.4 | 18.7 | 18.4         | 88.9   | 2.5         |         | 0.2           | 4.0        | SE         | —                 |
| 10   | 11    | 11.6            | 20.6       | 5.5        | 15.7             | 15.9 | 16.3 | 17.4 | 18.5 | 18.3         | 77.3   | 0.0         |         | 0.6           | 8.5        | SSW        | —                 |
| 10   | 12    | 11.7            | 18.5       | 6.2        | 16.2             | 16.3 | 16.6 | 17.4 | 18.3 | 18.3         | 83.5   | 0.0         |         | 0.6           | 5.1        | SSE        | —                 |
| 10   | 13    | 13.4            | 21.9       | 7.6        | 16.9             | 16.8 | 16.9 | 17.4 | 18.2 | 18.2         | 78.5   | 0.0         |         | 0.4           | 3.8        | S          | —                 |
| 10   | 14    | 12.0            | 17.8       | 8.0        | 15.5             | 16.2 | 16.8 | 17.5 | 18.1 | 18.2         | 87.4   | 7.5         |         | 0.3           | 4.8        | ESE        | —                 |
| 10   | 15    | 12.8            | 19.0       | 8.2        | 16.6             | 16.4 | 16.7 | 17.4 | 18.0 | 18.1         | 87.0   | 0.0         |         | 0.3           | 4.0        | SE         | —                 |
| 10   | 16    | 11.5            | 18.1       | 7.7        | 15.8             | 16.4 | 16.9 | 17.4 | 17.9 | 18.1         | 87.9   | 0.0         |         | 0.2           | 4.4        | SSE        | —                 |
| 10   | 17    | 11.2            | 15.7       | 7.8        | 14.9             | 15.5 | 16.2 | 17.3 | 17.8 | 18.0         | 92.6   | 0.0         |         | 0.1           | 4.2        | ESE        | —                 |
| 10   | 18    | 13.3            | 21.7       | 7.8        | 16.2             | 16.2 | 16.4 | 17.2 | 17.8 | 18.0         | 81.3   | 0.0         |         | 0.3           | 4.7        | SE         | —                 |
| 10   | 19    | 12.4            | 20.7       | 6.9        | 16.0             | 16.3 | 16.6 | 17.2 | 17.7 | 17.9         | 74.6   | 0.0         |         | 0.6           | 4.9        | SW         | —                 |
| 10   | 20    | 14.2            | 23.3       | 8.2        | 15.8             | 16.1 | 16.4 | 17.1 | 17.6 | 17.9         | 67.3   | 0.0         |         | 0.5           | 4.7        | WSW        | —                 |
| 10   | 21    | 12.3            | 20.5       | 6.4        | 15.8             | 16.0 | 16.4 | 17.1 | 17.5 | 17.8         | 76.8   | 0.0         |         | 0.3           | 5.1        | SSE        | —                 |
| 10   | 22    | 11.6            | 18.1       | 6.2        | 14.9             | 15.6 | 16.1 | 17.0 | 17.5 | 17.8         | 73.5   | 0.0         |         | 0.3           | 4.0        | SE         | —                 |
| 10   | 23    | 11.9            | 18.7       | 8.3        | 15.6             | 15.7 | 16.1 | 16.9 | 17.4 | 17.7         | 84.2   | 0.0         |         | 0.4           | 4.5        | SSE        | —                 |
| 10   | 24    | 10.8            | 14.8       | 8.2        | 14.4             | 15.3 | 15.9 | 16.8 | 17.3 | 17.7         | 88.6   | 1.5         |         | 0.4           | 3.7        | ESE        | —                 |
| 10   | 25    | 8.7             | 10.0       | 7.6        | 13.3             | 14.4 | 15.3 | 16.7 | 17.3 | 17.6         | 98.8   | 1.5         |         | 0.0           | 2.1        | E          | —                 |
| 10   | 26    | 9.9             | 11.5       | 7.8        | 11.6             | 12.9 | 14.1 | 16.3 | 17.1 | 17.5         | 99.9   | 80.5        |         | 0.0           | 3.7        | NE         | —                 |
| 10   | 27    | 11.4            | 18.6       | 6.2        | 12.7             | 13.0 | 13.6 | 15.5 | 16.9 | 17.5         | 83.6   | 1.0         |         | 0.7           | 6.4        | W          | —                 |
| 10   | 28    | 11.1            | 19.3       | 5.0        | 13.0             | 13.3 | 13.8 | 15.3 | 16.7 | 17.5         | 75.2   | 0.0         |         | 0.2           | 4.6        | SE         | —                 |
| 10   | 29    | 11.8            | 19.7       | 5.9        | 13.8             | 13.9 | 14.2 | 15.3 | 16.6 | 17.4         | 83.9   | 0.0         |         | 0.3           | 4.2        | SSE        | —                 |
| 10   | 30    | 13.4            | 22.2       | 7.8        | 14.4             | 14.4 | 14.6 | 15.3 | 16.4 | 17.3         | 72.6   | 0.0         |         | 0.3           | 3.7        | SSE        | —                 |
| 10   | 31    | 12.6            | 18.9       | 8.0        | 14.4             | 14.5 | 14.8 | 15.4 | 16.3 | 17.3         | 78.0   | 0.0         |         | 0.3           | 5.5        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 233.5       |         |               |            |            |                   |
| 平均   | Mean  | 12.6            | 18.2       | 8.6        | 15.4             | 15.9 | 16.4 | 17.5 | 18.0 | 18.0         | 85.7   | 7.5         |         | 0.3           | 4.8        |            |                   |
| 最大   | Max.  | 16.8            | 23.3       | 14.0       | 18.6             | 18.9 | 19.4 | 20.2 | 19.7 | 18.4         | 99.9   | 85.0        |         | 1.3           | 11.5       |            |                   |
| 最低   | Min.  | 8.7             | 10.0       | 5.0        | 11.6             | 12.9 | 13.6 | 15.3 | 16.3 | 17.3         | 67.3   | 0.0         |         | 0.0           | 0.9        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 11月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 15.0            | 25.2       | 7.0        | 14.8             | 14.7 | 14.9 | 15.4 | 16.3 | 17.2         | 76.3   | 5.0         |         | 0.9           | 8.8        | W          | —                 |
| 11   | 2     | 7.7             | 12.2       | 1.7        | 13.0             | 14.3 | 15.0 | 15.5 | 16.2 | 17.1         | 97.4   | 13.0        |         | 0.6           | 7.6        | E          | —                 |
| 11   | 3     | 3.5             | 11.6       | -1.1       | 11.4             | 12.5 | 13.6 | 15.4 | 16.1 | 17.1         | 72.2   | 0.0         |         | 0.8           | 6.6        | WNW        | —                 |
| 11   | 4     | 5.4             | 14.2       | -1.5       | 10.9             | 11.9 | 12.9 | 15.0 | 16.1 | 17.0         | 77.2   | 0.0         |         | 0.6           | 4.1        | WSW        | —                 |
| 11   | 5     | 7.9             | 13.5       | 3.5        | 10.5             | 11.6 | 12.6 | 14.6 | 16.0 | 17.0         | 70.8   | 0.0         |         | 0.5           | 3.9        | WNW        | —                 |
| 11   | 6     | 10.0            | 18.8       | 4.2        | 11.4             | 11.8 | 12.5 | 14.3 | 15.8 | 16.9         | 69.7   | 0.0         |         | 0.8           | 4.0        | W          | —                 |
| 11   | 7     | 10.0            | 18.6       | 4.3        | 12.0             | 12.3 | 12.8 | 14.2 | 15.7 | 16.9         | 81.0   | 0.0         |         | 0.7           | 3.8        | WSW        | —                 |
| 11   | 8     | 9.9             | 18.2       | 5.0        | 11.7             | 12.3 | 12.9 | 14.1 | 15.6 | 16.8         | 82.4   | 0.0         |         | 0.6           | 4.5        | W          | —                 |
| 11   | 9     | 11.4            | 19.9       | 5.7        | 12.2             | 12.4 | 12.9 | 14.1 | 15.5 | 16.7         | 75.5   | 0.0         |         | 0.5           | 4.3        | SSW        | —                 |
| 11   | 10    | 12.6            | 20.1       | 6.7        | 12.8             | 12.8 | 13.2 | 14.1 | 15.3 | 16.7         | 80.9   | 6.0         |         | 0.3           | 4.3        | SSE        | —                 |
| 11   | 11    | 12.0            | 13.6       | 10.0       | 12.3             | 12.9 | 13.3 | 14.0 | 15.1 | 16.6         | 99.8   | 52.0        |         | 0.0           | 2.9        | W          | —                 |
| 11   | 12    | 7.4             | 11.4       | 4.1        | 11.4             | 12.3 | 13.0 | 14.0 | 15.0 | 16.5         | 98.2   | 2.5         |         | 0.3           | 3.8        | ESE        | —                 |
| 11   | 13    | 5.2             | 6.9        | 3.4        | 10.0             | 11.2 | 12.3 | 13.9 | 14.9 | 16.4         | 99.4   | 4.0         |         | 0.1           | 4.6        | ESE        | —                 |
| 11   | 14    | 10.3            | 14.0       | 6.8        | 10.7             | 11.2 | 11.9 | 13.5 | 14.8 | 16.4         | 99.3   | 22.0        |         | 0.3           | 8.3        | ESE        | —                 |
| 11   | 15    | 10.4            | 19.5       | 4.6        | 11.0             | 11.5 | 12.0 | 13.3 | 14.7 | 16.3         | 63.6   | 0.0         |         | 1.3           | 14.0       | WNW        | —                 |
| 11   | 16    | 6.4             | 11.8       | 3.7        | 9.7              | 10.8 | 11.7 | 13.2 | 14.6 | 16.2         | 70.7   | 0.0         |         | 0.3           | 6.6        | ESE        | —                 |
| 11   | 17    | 4.1             | 4.9        | 3.5        | 8.2              | 9.7  | 10.9 | 13.0 | 14.5 | 16.1         | 95.3   | 15.0        |         | 0.1           | 2.2        | SE         | —                 |
| 11   | 18    | 4.6             | 11.8       | -0.7       | 8.7              | 9.5  | 10.4 | 12.6 | 14.4 | 16.1         | 81.6   | 0.0         |         | 0.6           | 6.7        | WSW        | —                 |
| 11   | 19    | 3.0             | 9.4        | -0.3       | 8.0              | 9.1  | 10.2 | 12.4 | 14.2 | 16.0         | 88.4   | 0.0         |         | 0.0           | 3.0        | W          | —                 |
| 11   | 20    | 5.3             | 15.4       | 0.1        | 8.4              | 9.0  | 9.9  | 12.1 | 14.1 | 16.0         | 80.4   | 0.0         |         | 0.4           | 6.7        | SE         | —                 |
| 11   | 21    | 6.7             | 14.8       | 1.5        | 9.9              | 10.1 | 10.4 | 11.9 | 13.9 | 15.9         | 73.7   | 0.0         |         | 0.3           | 4.7        | ESE        | —                 |
| 11   | 22    | 1.9             | 3.6        | -0.3       | 7.4              | 8.9  | 10.1 | 12.0 | 13.8 | 15.8         | 91.7   | 0.0         |         | 0.2           | 4.0        | E          | —                 |
| 11   | 23    | 6.6             | 15.4       | 2.2        | 8.9              | 9.1  | 9.8  | 11.7 | 13.7 | 15.8         | 84.5   | 0.0         |         | 0.2           | 3.7        | SSE        | —                 |
| 11   | 24    | 6.1             | 11.8       | 1.6        | 8.5              | 9.1  | 9.9  | 11.6 | 13.6 | 15.7         | 85.8   | 0.0         |         | 0.4           | 4.6        | ESE        | —                 |
| 11   | 25    | 9.7             | 16.2       | 5.8        | 10.2             | 10.0 | 10.2 | 11.5 | 13.4 | 15.6         | 91.6   | 4.0         |         | 0.0           | 2.5        | ESE        | —                 |
| 11   | 26    | 9.3             | 16.4       | 3.9        | 11.0             | 11.0 | 11.0 | 11.6 | 13.3 | 15.5         | 83.7   | 0.0         |         | 0.3           | 4.6        | SSE        | —                 |
| 11   | 27    | 7.9             | 15.7       | 2.6        | 10.1             | 10.5 | 10.9 | 11.8 | 13.2 | 15.5         | 83.7   | 0.0         |         | 0.2           | 4.5        | SSE        | —                 |
| 11   | 28    | 8.0             | 15.6       | 2.7        | 9.8              | 10.3 | 10.8 | 11.8 | 13.1 | 15.4         | 74.5   | 0.0         |         | 0.3           | 4.4        | ESE        | —                 |
| 11   | 29    | 4.9             | 10.9       | 2.4        | 9.1              | 9.9  | 10.5 | 11.7 | 13.1 | 15.3         | 84.0   | 1.0         |         | 0.2           | 3.7        | SE         | —                 |
| 11   | 30    | 4.7             | 7.1        | 2.5        | 8.7              | 9.5  | 10.2 | 11.6 | 13.0 | 15.3         | 95.8   | 0.5         |         | 0.0           | 2.4        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 125.0       |         |               |            |            |                   |
| 平均   | Mean  | 7.6             | 13.9       | 3.2        | 10.4             | 11.1 | 11.8 | 13.2 | 14.6 | 16.3         | 83.6   | 4.2         |         | 0.4           | 5.0        |            |                   |
| 最大   | Max.  | 15.0            | 25.2       | 10.0       | 14.8             | 14.7 | 15.0 | 15.5 | 16.3 | 17.2         | 99.8   | 52.0        |         | 1.3           | 14.0       |            |                   |
| 最低   | Min.  | 1.9             | 3.6        | -1.5       | 7.4              | 8.9  | 9.8  | 11.5 | 13.0 | 15.3         | 63.6   | 0.0         |         | 0.0           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2009年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |      |      |      |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|------|------|------|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |      |      |      |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 5.7             | 13.1       | 2.0        | 8.9              | 9.5 | 10.1 | 11.5 | 13.0 | 15.2         | 86.8   | 0.0         |         | 0.2           | 4.4        | SE         | —                 |
| 12   | 2     | 5.7             | 14.2       | 1.1        | 8.4              | 9.1 | 9.8  | 11.4 | 12.9 | 15.1         | 83.5   | 0.0         |         | 0.3           | 4.0        | SE         | —                 |
| 12   | 3     | 5.5             | 8.6        | 1.5        | 7.8              | 8.7 | 9.6  | 11.2 | 12.8 | 15.1         | 96.3   | 11.0        |         | 0.0           | 3.1        | W          | —                 |
| 12   | 4     | 5.8             | 12.6       | 0.5        | 8.3              | 8.9 | 9.5  | 11.1 | 12.7 | 15.0         | 79.7   | 0.0         |         | 0.4           | 6.2        | SW         | —                 |
| 12   | 5     | 3.6             | 6.1        | 1.8        | 6.9              | 8.1 | 9.1  | 10.9 | 12.6 | 14.9         | 94.3   | 12.0        |         | 0.0           | 4.3        | W          | —                 |
| 12   | 6     | 5.4             | 14.3       | 0.9        | 7.6              | 8.0 | 8.7  | 10.6 | 12.5 | 14.9         | 88.1   | 0.0         |         | 0.4           | 3.6        | SSW        | —                 |
| 12   | 7     | 2.9             | 11.6       | -1.7       | 7.1              | 8.0 | 8.7  | 10.5 | 12.4 | 14.8         | 77.3   | 0.0         |         | 0.8           | 4.2        | WNW        | —                 |
| 12   | 8     | 2.7             | 11.9       | -1.8       | 6.2              | 7.3 | 8.2  | 10.3 | 12.3 | 14.7         | 62.6   | 0.0         |         | 0.4           | 5.5        | SSW        | —                 |
| 12   | 9     | 3.9             | 11.1       | -0.6       | 6.2              | 7.0 | 7.9  | 10.1 | 12.2 | 14.7         | 77.5   | 0.0         |         | 0.0           | 2.5        | SE         | —                 |
| 12   | 10    | 6.0             | 11.0       | 2.1        | 7.3              | 7.6 | 8.2  | 9.9  | 12.0 | 14.6         | 80.9   | 0.0         |         | 0.2           | 4.3        | ESE        | —                 |
| 12   | 11    | 2.4             | 4.0        | 0.9        | 5.8              | 7.1 | 8.1  | 9.8  | 11.9 | 14.5         | 98.3   | 12.5        |         | 0.1           | 3.7        | W          | —                 |
| 12   | 12    | 7.8             | 15.8       | 3.5        | 7.7              | 7.5 | 7.9  | 9.7  | 11.8 | 14.4         | 90.2   | 0.0         |         | 0.1           | 5.2        | W          | —                 |
| 12   | 13    | 4.2             | 9.6        | 1.2        | 7.1              | 7.8 | 8.4  | 9.6  | 11.6 | 14.4         | 83.5   | 0.0         |         | 0.1           | 4.1        | NNW        | —                 |
| 12   | 14    | 2.6             | 8.5        | -0.6       | 6.7              | 7.4 | 8.2  | 9.6  | 11.5 | 14.3         | 86.5   | 0.0         |         | 0.3           | 4.5        | ESE        | —                 |
| 12   | 15    | 0.9             | 8.6        | -2.9       | 5.6              | 6.7 | 7.6  | 9.5  | 11.5 | 14.2         | 75.6   | 1.0         |         | 0.4           | 4.6        | SE         | —                 |
| 12   | 16    | 0.2             | 5.2        | -2.6       | 4.3              | 5.8 | 7.0  | 9.3  | 11.4 | 14.2         | 81.8   | 0.0         |         | 0.4           | 3.6        | E          | —                 |
| 12   | 17    | 0.8             | 8.2        | -3.5       | 4.1              | 5.2 | 6.4  | 9.0  | 11.3 | 14.1         | 60.1   | 0.0         |         | 1.1           | 8.8        | W          | —                 |
| 12   | 18    | 0.5             | 5.5        | -2.4       | 3.6              | 4.9 | 6.1  | 8.7  | 11.2 | 14.0         | 36.8   | 0.0         |         | 1.7           | 10.9       | W          | —                 |
| 12   | 19    | -1.2            | 6.3        | -6.1       | 3.9              | 4.8 | 5.8  | 8.4  | 11.0 | 14.0         | 60.6   | 0.0         |         | 0.6           | 6.4        | SW         | —                 |
| 12   | 20    | 0.2             | 7.2        | -5.0       | 3.1              | 4.4 | 5.5  | 8.1  | 10.9 | 13.9         | 46.5   | 0.0         |         | 1.6           | 9.6        | WSW        | —                 |
| 12   | 21    | -0.2            | 6.9        | -5.5       | 3.2              | 4.2 | 5.2  | 7.9  | 10.7 | 13.8         | 52.8   | 0.0         |         | 0.6           | 5.4        | SE         | —                 |
| 12   | 22    | -0.6            | 9.1        | -6.8       | 2.7              | 3.8 | 4.9  | 7.6  | 10.6 | 13.8         | 50.0   | 0.0         |         | 0.2           | 3.6        | S          | —                 |
| 12   | 23    | 2.7             | 11.6       | -2.1       | 3.2              | 3.9 | 4.8  | 7.4  | 10.4 | 13.7         | 55.1   | 0.0         |         | 0.2           | 4.3        | SSE        | —                 |
| 12   | 24    | 2.9             | 12.1       | -1.5       | 3.9              | 4.4 | 5.0  | 7.2  | 10.2 | 13.6         | 67.1   | 0.0         |         | 0.3           | 4.6        | SE         | —                 |
| 12   | 25    | 2.5             | 10.8       | -1.5       | 4.3              | 4.7 | 5.2  | 7.1  | 10.1 | 13.5         | 68.1   | 0.0         |         | 0.2           | 3.2        | SSE        | —                 |
| 12   | 26    | 2.6             | 11.6       | -2.1       | 4.4              | 4.8 | 5.4  | 7.1  | 9.9  | 13.4         | 75.8   | 0.0         |         | 0.0           | 2.3        | SSE        | —                 |
| 12   | 27    | 2.6             | 10.1       | -1.9       | 4.2              | 4.8 | 5.3  | 7.1  | 9.8  | 13.4         | 69.0   | 0.0         |         | 0.3           | 4.6        | SE         | —                 |
| 12   | 28    | 2.9             | 12.5       | -2.6       | 4.9              | 5.2 | 5.6  | 7.1  | 9.6  | 13.3         | 71.7   | 1.0         |         | 0.4           | 8.2        | W          | —                 |
| 12   | 29    | 0.5             | 8.9        | -3.9       | 3.7              | 4.5 | 5.3  | 7.1  | 9.6  | 13.2         | 64.8   | 0.0         |         | 0.4           | 4.7        | SSE        | —                 |
| 12   | 30    | 0.8             | 7.2        | -4.3       | 3.0              | 4.0 | 4.9  | 7.0  | 9.5  | 13.1         | 78.4   | 0.0         |         | 0.3           | 6.8        | S          | —                 |
| 12   | 31    | -0.3            | 5.5        | -6.4       | 3.1              | 3.9 | 4.7  | 6.8  | 9.4  | 13.0         | 68.5   | 3.5         |         | 1.2           | 11.2       | W          | —                 |
| 計    | Total |                 |            |            |                  |     |      |      |      |              |        | 41.0        |         |               |            |            |                   |
| 平均   | Mean  | 2.6             | 9.7        | -1.6       | 5.4              | 6.2 | 7.0  | 9.0  | 11.3 | 14.1         | 73.2   | 1.3         |         | 0.4           | 5.2        |            |                   |
| 最大   | Max.  | 7.8             | 15.8       | 3.5        | 8.9              | 9.5 | 10.1 | 11.5 | 13.0 | 15.2         | 98.3   | 12.5        |         | 1.7           | 11.2       |            |                   |
| 最低   | Min.  | -1.2            | 4.0        | -6.8       | 2.7              | 3.8 | 4.7  | 6.8  | 9.4  | 13.0         | 36.8   | 0.0         |         | 0.0           | 2.3        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日照時間    | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|---------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |         | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | Sun hrs | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -1.6            | 3.9        | -6.2       | 2.8              | 3.8 | 4.7 | 6.7 | 9.3 | 12.9         | 56.2   | 0.0         |         | 1.9           | 10.7       | W          | 8                 |
| 01   | 2     | 0.5             | 8.5        | -4.0       | 2.8              | 3.5 | 4.3 | 6.5 | 9.2 | 12.9         | 53.8   | 0.0         |         | 0.6           | 7.9        | SSW        | —                 |
| 01   | 3     | -0.2            | 7.2        | -4.3       | 2.7              | 3.4 | 4.2 | 6.4 | 9.1 | 12.8         | 71.1   | 0.0         |         | 0.5           | 6.1        | ESE        | —                 |
| 01   | 4     | -1.2            | 6.5        | -6.1       | 2.3              | 3.1 | 4.0 | 6.3 | 9.0 | 12.7         | 65.4   | 0.0         |         | 0.4           | 4.2        | SE         | —                 |
| 01   | 5     | 0.5             | 7.5        | -3.0       | 2.7              | 3.3 | 4.0 | 6.1 | 8.8 | 12.6         | 74.3   | 2.5         |         | 1.0           | 9.8        | W          | 3                 |
| 01   | 6     | -0.7            | 6.9        | -5.8       | 2.1              | 2.9 | 3.8 | 6.0 | 8.8 | 12.5         | 55.7   | 0.0         |         | 1.0           | 10.3       | W          | —                 |
| 01   | 7     | 2.2             | 9.5        | -1.5       | 2.4              | 2.9 | 3.7 | 5.9 | 8.7 | 12.5         | 42.6   | 0.0         |         | 1.0           | 8.1        | WSW        | —                 |
| 01   | 8     | 0.4             | 9.1        | -3.4       | 2.3              | 3.0 | 3.7 | 5.7 | 8.5 | 12.4         | 55.5   | 0.0         |         | 0.3           | 3.9        | SSW        | —                 |
| 01   | 9     | 0.1             | 8.9        | -5.0       | 2.3              | 2.9 | 3.6 | 5.6 | 8.4 | 12.3         | 56.5   | 0.0         |         | 0.5           | 3.8        | S          | —                 |
| 01   | 10    | 0.3             | 8.8        | -3.6       | 2.2              | 2.9 | 3.6 | 5.5 | 8.3 | 12.2         | 62.9   | 0.0         |         | 0.5           | 8.9        | WSW        | —                 |
| 01   | 11    | -1.2            | 6.1        | -4.9       | 1.9              | 2.7 | 3.4 | 5.4 | 8.2 | 12.2         | 71.8   | 0.0         |         | 0.3           | 5.2        | SSE        | —                 |
| 01   | 12    | -0.2            | 4.0        | -3.7       | 1.2              | 2.3 | 3.2 | 5.3 | 8.1 | 12.1         | 86.9   | 4.0         |         | 0.1           | 3.3        | WNW        | —                 |
| 01   | 13    | -1.8            | 2.3        | -5.5       | 1.7              | 2.4 | 3.2 | 5.2 | 8.0 | 12.0         | 57.2   | 0.0         |         | 2.2           | 16.1       | W          | 5                 |
| 01   | 14    | -3.5            | 2.3        | -7.2       | 1.0              | 2.0 | 2.9 | 5.1 | 7.9 | 11.9         | 50.9   | 0.0         |         | 1.7           | 13.6       | WSW        | —                 |
| 01   | 15    | -2.3            | 5.8        | -8.0       | 0.6              | 1.6 | 2.6 | 5.0 | 7.8 | 11.9         | 53.9   | 0.0         |         | 1.1           | 11.4       | WSW        | —                 |
| 01   | 16    | -2.0            | 6.2        | -7.6       | 1.5              | 1.9 | 2.6 | 4.8 | 7.7 | 11.8         | 56.7   | 0.0         |         | 0.8           | 5.9        | SSE        | —                 |
| 01   | 17    | -2.0            | 8.5        | -8.1       | 1.3              | 1.9 | 2.7 | 4.7 | 7.6 | 11.7         | 54.7   | 0.0         |         | 0.5           | 6.6        | SSW        | —                 |
| 01   | 18    | -1.1            | 7.6        | -6.5       | 1.5              | 2.0 | 2.6 | 4.6 | 7.5 | 11.6         | 61.5   | 0.0         |         | 0.5           | 3.9        | S          | —                 |
| 01   | 19    | 2.9             | 15.0       | -3.3       | 2.4              | 2.4 | 2.8 | 4.6 | 7.4 | 11.6         | 52.8   | 0.0         |         | 0.4           | 4.0        | S          | —                 |
| 01   | 20    | 5.7             | 17.1       | -2.1       | 3.3              | 3.1 | 3.3 | 4.6 | 7.3 | 11.5         | 49.0   | 0.0         |         | 0.3           | 4.8        | SW         | —                 |
| 01   | 21    | 7.0             | 15.2       | -1.9       | 4.8              | 4.3 | 4.1 | 4.7 | 7.2 | 11.4         | 70.3   | 0.0         |         | 0.7           | 7.5        | ESE        | —                 |
| 01   | 22    | 0.3             | 7.9        | -4.0       | 3.7              | 4.0 | 4.3 | 5.0 | 7.1 | 11.3         | 54.2   | 0.0         |         | 0.6           | 4.4        | SE         | —                 |
| 01   | 23    | 0.7             | 9.1        | -3.5       | 3.4              | 3.7 | 4.1 | 5.1 | 7.1 | 11.2         | 58.0   | 0.0         |         | 0.4           | 4.6        | SSE        | —                 |
| 01   | 24    | 0.9             | 10.0       | -4.1       | 3.3              | 3.6 | 4.0 | 5.1 | 7.1 | 11.1         | 50.9   | 0.0         |         | 0.5           | 6.2        | S          | —                 |
| 01   | 25    | 3.0             | 10.9       | -3.6       | 3.2              | 3.5 | 3.9 | 5.1 | 7.1 | 11.1         | 55.1   | 0.0         |         | 0.6           | 7.3        | W          | —                 |
| 01   | 26    | 0.6             | 8.4        | -4.4       | 4.1              | 4.1 | 4.2 | 5.1 | 7.0 | 11.0         | 63.3   | 1.5         |         | 0.6           | 6.3        | SSW        | —                 |
| 01   | 27    | -0.1            | 9.6        | -6.1       | 3.1              | 3.6 | 4.0 | 5.1 | 7.0 | 10.9         | 56.7   | 0.0         |         | 0.4           | 4.7        | S          | —                 |
| 01   | 28    | 6.0             | 13.9       | -1.3       | 3.4              | 3.6 | 4.0 | 5.1 | 7.0 | 10.8         | 68.2   | 0.5         |         | 2.2           | 16.5       | W          | —                 |
| 01   | 29    | 3.5             | 11.8       | -2.3       | 4.0              | 4.0 | 4.2 | 5.1 | 7.0 | 10.8         | 56.9   | 0.0         |         | 0.7           | 8.6        | SE         | —                 |
| 01   | 30    | 2.4             | 12.0       | -3.6       | 4.0              | 4.1 | 4.3 | 5.2 | 6.9 | 10.7         | 54.3   | 0.0         |         | 0.3           | 4.3        | SSE        | —                 |
| 01   | 31    | 2.9             | 9.4        | -2.0       | 3.9              | 4.1 | 4.4 | 5.3 | 6.9 | 10.6         | 66.0   | 0.0         |         | 0.2           | 4.0        | S          | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 8.5         |         |               |            |            |                   |
| 平均   | Mean  | 0.7             | 8.7        | -4.4       | 2.6              | 3.1 | 3.7 | 5.4 | 7.8 | 11.8         | 59.5   | 0.3         |         | 0.7           | 7.2        |            | 5.3               |
| 最大   | Max.  | 7.0             | 17.1       | -1.3       | 4.8              | 4.3 | 4.7 | 6.7 | 9.3 | 12.9         | 86.9   | 4.0         |         | 2.2           | 16.5       |            | 8.0               |
| 最低   | Min.  | -3.5            | 2.3        | -8.1       | 0.6              | 1.6 | 2.6 | 4.6 | 6.9 | 10.6         | 42.6   | 0.0         |         | 0.1           | 3.3        |            | 3.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 02月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | 0.7             | 6.1        | -1.9       | 2.9              | 3.7 | 4.2 | 5.3 | 6.9 | 10.5         | 85.6   | 10.5        |                   | 0.1           | 3.7        | ESE        |                   |
| 02   | 2     | -1.9            | 2.9        | -4.8       | 2.5              | 3.3 | 4.0 | 5.3 | 6.9 | 10.5         | 95.9   | 5.5         |                   | 0.2           | 5.1        | ESE        | 18                |
| 02   | 3     | -1.6            | 4.1        | -6.9       | 1.9              | 2.7 | 3.6 | 5.2 | 6.9 | 10.3         | 85.2   | 0.0         |                   |               |            |            | —                 |
| 02   | 4     | -3.3            | 4.3        | -8.4       | 1.9              | 2.4 | 3.3 | 5.1 | 6.9 | 10.4         | 77.3   | 0.0         | 15.4              |               |            |            | —                 |
| 02   | 5     | -1.7            | 7.6        | -7.0       | 1.9              | 2.3 | 3.1 | 4.9 | 6.9 | 10.4         | 57.5   | 0.0         | 14.7              | 1.4           | 10.0       | W          | —                 |
| 02   | 6     | -2.9            | 1.0        | -5.3       | 0.9              | 1.9 | 2.8 | 4.7 | 6.8 | 10.3         | 47.7   | 0.0         | 9.0               | 2.0           | 11.5       | W          | —                 |
| 02   | 7     | -0.4            | 6.3        | -4.1       | 1.7              | 1.9 | 2.6 | 4.6 | 6.8 | 10.3         | 41.9   | 0.0         | 16.1              | 1.8           | 12.2       | W          | —                 |
| 02   | 8     | 0.0             | 8.4        | -6.1       | 2.1              | 2.3 | 2.8 | 4.4 | 6.7 | 10.2         | 55.3   | 0.0         | 12.8              | 0.7           | 5.2        | SW         | —                 |
| 02   | 9     | 8.7             | 19.8       | -0.9       | 4.2              | 3.4 | 3.4 | 4.4 | 6.6 | 10.2         | 63.8   | 0.0         | 14.4              | 2.0           | 20.3       | NNW        | —                 |
| 02   | 10    | 4.6             | 7.9        | 2.0        | 4.2              | 4.3 | 4.3 | 4.6 | 6.5 | 10.1         | 93.4   | 2.0         | 2.2               | 0.5           | 4.0        | ESE        | —                 |
| 02   | 11    | 0.5             | 2.3        | -1.6       | 3.2              | 3.8 | 4.2 | 4.9 | 6.5 | 10.1         | 100.0  | 15.0        | 0.8               | 0.5           | 4.3        | ESE        | —                 |
| 02   | 12    | -1.0            | 0.4        | -2.9       | 2.0              | 2.9 | 3.7 | 4.9 | 6.5 | 10.0         | 99.2   | 2.5         | 1.3               | 0.4           | 3.1        | ESE        | 4                 |
| 02   | 13    | -3.0            | -1.8       | -5.5       | 1.8              | 2.6 | 3.4 | 4.8 | 6.5 | 10.0         | 98.4   | 3.5         | 1.2               | 0.4           | 4.0        | ESE        | —                 |
| 02   | 14    | -1.7            | 4.3        | -6.5       | 1.6              | 2.4 | 3.2 | 4.7 | 6.5 | 9.9          | 88.9   | 0.0         | 10.0              | 0.5           | 3.4        | SSE        | —                 |
| 02   | 15    | -0.1            | 2.9        | -3.2       | 1.2              | 2.1 | 2.9 | 4.6 | 6.4 | 9.9          | 97.6   | 0.0         | 3.3               | 0.2           | 2.8        | WNW        | 7(注)              |
| 02   | 16    | -1.0            | 0.8        | -2.9       | 1.3              | 2.0 | 2.8 | 4.5 | 6.4 | 9.8          | 99.3   | 3.0         | 0.9               | 0.5           | 3.3        | E          | —                 |
| 02   | 17    | -3.3            | -1.1       | -5.5       | 1.4              | 2.1 | 2.8 | 4.4 | 6.4 | 9.8          | 91.6   | 0.5         | 1.1               | 0.2           | 3.6        | ESE        | 7                 |
| 02   | 18    | -1.3            | 6.1        | -4.8       | 1.4              | 2.1 | 2.8 | 4.4 | 6.3 | 9.7          | 91.6   | 0.5         | 6.8               | 0.3           | 3.1        | S          | 6                 |
| 02   | 19    | -1.7            | 4.9        | -5.8       | 0.9              | 1.7 | 2.5 | 4.3 | 6.2 | 9.7          | 85.7   | 0.0         | 7.5               | 0.6           | 3.4        | W          | —                 |
| 02   | 20    | -0.1            | 8.7        | -6.4       | 2.5              | 2.1 | 2.5 | 4.1 | 6.2 | 9.7          | 68.0   | 0.0         | 18.0              | 0.8           | 3.8        | WSW        | —                 |
| 02   | 21    | 0.2             | 7.9        | -5.7       | 2.7              | 2.7 | 2.9 | 4.1 | 6.1 | 9.6          | 73.2   | 0.0         | 13.1              | 0.7           | 5.2        | S          | —                 |
| 02   | 22    | 0.0             | 5.4        | -2.2       | 3.5              | 3.3 | 3.3 | 4.1 | 6.0 | 9.6          | 88.3   | 0.0         | 11.8              | 0.8           | 5.6        | ESE        | —                 |
| 02   | 23    | 5.0             | 15.7       | -1.9       | 5.0              | 4.1 | 3.9 | 4.2 | 5.9 | 9.5          | 72.8   | 0.0         | 16.8              | 0.7           | 4.3        | W          | —                 |
| 02   | 24    | 6.1             | 15.4       | 0.1        | 6.2              | 5.3 | 4.8 | 4.5 | 5.9 | 9.4          | 76.8   | 0.0         | 17.1              | 0.8           | 6.0        | WSW        | —                 |
| 02   | 25    | 7.6             | 17.3       | 1.1        | 7.0              | 6.1 | 5.6 | 4.8 | 5.8 | 9.3          | 78.5   | 0.0         | 15.6              | 0.8           | 5.2        | WNW        | —                 |
| 02   | 26    | 10.2            | 15.5       | 5.8        | 6.7              | 6.4 | 6.1 | 5.2 | 5.9 | 9.3          | 79.4   | 2.5         | 3.2               | 1.0           | 9.1        | NW         | —                 |
| 02   | 27    | 9.6             | 13.8       | 7.1        | 8.0              | 7.1 | 6.5 | 5.6 | 5.9 | 9.2          | 96.7   | 13.5        | 5.8               | 0.5           | 3.6        | ESE        | —                 |
| 02   | 28    | 4.9             | 12.3       | 0.9        | 7.5              | 7.4 | 7.0 | 6.0 | 6.0 | 9.1          | 93.8   | 8.0         | 9.7               | 0.6           | 6.4        | SE         | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 67.0        |                   |               |            |            |                   |
| 平均   | Mean  | 1.2             | 7.1        | -3.0       | 3.1              | 3.4 | 3.7 | 4.7 | 6.4 | 9.9          | 81.5   | 2.4         | 9.1               | 0.7           | 5.8        |            | 8.4               |
| 最大   | Max.  | 10.2            | 19.8       | 7.1        | 8.0              | 7.4 | 7.0 | 6.0 | 6.9 | 10.5         | 100.0  | 15.0        | 18.0              | 2.0           | 20.3       |            | 18.0              |
| 最低   | Min.  | -3.3            | -1.8       | -8.4       | 0.9              | 1.7 | 2.5 | 4.1 | 5.8 | 9.1          | 41.9   | 0.0         | 0.8               | 0.1           | 2.8        |            | 4.0               |

代替機器観測日 (The date of observation by alternative hardwares)

(注)15日の降雪深は12、13日の降雪によるもの

2010年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 5.3             | 12.8       | 0.4        | 7.7              | 7.2  | 6.9 | 6.3 | 6.1 | 9.1          | 88.0   | 2.0         | 13.7              |               |            |            | -                 |
| 03   | 2     | 2.9             | 4.6        | 0.3        | 6.6              | 7.1  | 7.1 | 6.5 | 6.2 | 9.0          | 100.0  | 2.0         | 2.4               | 0.6           | 4.1        | ESE        | -                 |
| 03   | 3     | 4.0             | 13.6       | -0.4       | 7.6              | 7.1  | 6.8 | 6.6 | 6.3 | 8.9          | 86.1   | 0.0         | 14.3              | 0.7           | 5.9        | ESE        | -                 |
| 03   | 4     | 1.3             | 4.5        | -0.5       | 5.9              | 6.6  | 6.9 | 6.7 | 6.4 | 8.9          | 93.4   | 11.5        | 5.2               | 0.6           | 4.4        | ESE        | -                 |
| 03   | 5     | 9.5             | 20.1       | 0.4        | 8.2              | 6.9  | 6.6 | 6.6 | 6.5 | 8.8          | 85.9   | 8.0         | 18.9              | 0.8           | 5.5        | SSW        | -                 |
| 03   | 6     | 8.5             | 9.7        | 5.6        | 8.7              | 8.5  | 8.0 | 6.9 | 6.6 | 8.8          | 98.8   | 4.0         | 2.0               | 0.3           | 3.7        | ESE        | -                 |
| 03   | 7     | 2.4             | 5.8        | -0.4       | 6.8              | 7.4  | 7.6 | 7.2 | 6.6 | 8.7          | 99.9   | 17.0        | 3.6               | 0.8           | 4.6        | ESE        | -                 |
| 03   | 8     | 0.4             | 2.9        | -1.1       | 5.1              | 6.0  | 6.7 | 7.2 | 6.8 | 8.7          | 98.8   | 0.0         | 2.9               | 0.2           | 3.1        | ESE        | 2                 |
| 03   | 9     | -1.4            | 0.1        | -2.5       | 3.8              | 5.1  | 5.9 | 7.0 | 6.9 | 8.7          | 99.7   | 20.5        | 0.8               | 0.5           | 3.1        | ESE        | -                 |
| 03   | 10    | 0.7             | 3.8        | -1.9       | 3.0              | 4.2  | 5.2 | 6.7 | 6.9 | 8.6          | 93.2   | 23.0        | 4.0               | 0.7           | 7.6        | NNW        | 35                |
| 03   | 11    | 1.4             | 9.3        | -4.1       | 2.4              | 3.5  | 4.6 | 6.3 | 7.0 | 8.6          | 75.7   | 0.0         | 19.9              | 0.8           | 6.7        | WNW        | -                 |
| 03   | 12    | 2.1             | 9.4        | -3.0       | 2.1              | 3.1  | 4.0 | 5.9 | 6.9 | 8.6          | 85.3   | 0.0         | 18.5              | 0.7           | 6.1        | NNW        | -                 |
| 03   | 13    | 7.0             | 15.5       | 1.2        | 2.7              | 3.0  | 3.7 | 5.5 | 6.8 | 8.6          | 67.3   | 0.0         | 13.6              | 1.4           | 11.6       | NNW        | -                 |
| 03   | 14    | 5.3             | 14.8       | -1.1       | 5.7              | 4.6  | 4.4 | 5.3 | 6.7 | 8.6          | 71.8   | 0.0         | 20.6              | 0.8           | 5.6        | SE         | -                 |
| 03   | 15    | 6.4             | 13.6       | -0.6       | 5.8              | 5.6  | 5.4 | 5.5 | 6.6 | 8.5          | 79.9   | 1.5         | 10.4              | 1.7           | 14.1       | S          | -                 |
| 03   | 16    | 11.0            | 20.0       | 3.9        | 8.8              | 7.5  | 6.6 | 5.7 | 6.4 | 8.5          | 64.1   | 20.5        | 16.2              | 1.7           | 12.4       | W          | -                 |
| 03   | 17    | 4.0             | 11.3       | -2.2       | 8.1              | 7.6  | 7.2 | 6.2 | 6.4 | 8.5          | 60.5   | 0.0         | 21.2              | 0.9           | 6.2        | SE         | -                 |
| 03   | 18    | 3.1             | 7.6        | -0.7       | 6.4              | 6.9  | 7.0 | 6.5 | 6.4 | 8.4          | 83.3   | 1.5         | 7.3               | 0.4           | 3.6        | SE         | -                 |
| 03   | 19    | 5.7             | 14.5       | 1.1        | 11.4             | 9.5  | 7.8 | 6.6 | 6.5 | 8.4          | 82.0   | 0.5         | 6.2               | 0.7           | 5.5        | ESE        | -                 |
| 03   | 20    | 11.3            | 21.1       | 0.5        | 10.1             | 8.9  | 8.1 | 6.9 | 6.6 | 8.4          | 65.1   | 0.0         | 20.8              | 2.6           | 19.2       | WSW        | -                 |
| 03   | 21    | 9.3             | 16.6       | 0.5        | 11.3             | 10.5 | 9.6 | 7.4 | 6.6 | 8.4          | 58.9   | 33.5        | 17.7              | 3.3           | 19.9       | WNW        | -                 |
| 03   | 22    | 4.1             | 11.7       | -2.8       | 9.3              | 9.2  | 9.1 | 7.9 | 6.7 | 8.4          | 56.8   | 0.0         | 20.7              | 1.0           | 8.9        | SE         | -                 |
| 03   | 23    | 5.5             | 10.9       | 2.0        | 8.4              | 8.7  | 8.8 | 8.0 | 6.9 | 8.3          | 79.8   | 3.0         | 7.4               | 0.4           | 3.9        | SE         | -                 |
| 03   | 24    | 3.0             | 5.4        | -0.4       | 6.9              | 7.8  | 8.2 | 8.0 | 7.1 | 8.3          | 98.9   | 22.0        | 1.9               | 0.2           | 2.6        | ESE        | -                 |
| 03   | 25    | 0.3             | 1.5        | -0.9       | 4.5              | 5.7  | 6.7 | 7.9 | 7.2 | 8.3          | 99.9   | 22.5        | 2.6               | 0.1           | 2.2        | NE         | 1                 |
| 03   | 26    | 1.8             | 6.7        | -1.9       | 5.7              | 5.7  | 6.1 | 7.3 | 7.3 | 8.3          | 87.8   | 0.0         | 12.0              | 0.6           | 3.5        | NE         | -                 |
| 03   | 27    | 3.0             | 11.6       | -3.8       | 7.5              | 6.9  | 6.8 | 7.1 | 7.3 | 8.2          | 71.0   | 0.0         | 22.3              | 0.9           | 5.7        | SW         | -                 |
| 03   | 28    | 0.0             | 3.0        | -1.6       | 5.6              | 6.6  | 7.0 | 7.2 | 7.3 | 8.3          | 94.3   | 2.5         | 3.8               | 0.4           | 3.8        | ESE        | -                 |
| 03   | 29    | -0.7            | 3.7        | -4.9       | 5.4              | 5.9  | 6.3 | 7.2 | 7.3 | 8.3          | 81.2   | 1.0         | 9.4               | 0.9           | 6.7        | SW         | 7                 |
| 03   | 30    | 1.0             | 10.6       | -5.8       | 6.3              | 6.1  | 6.2 | 7.0 | 7.3 | 8.3          | 49.0   | 0.0         | 23.0              | 1.0           | 5.7        | SE         | -                 |
| 03   | 31    | 2.0             | 7.1        | -3.0       | 5.1              | 5.9  | 6.3 | 7.0 | 7.3 | 8.3          | 69.9   | 0.0         | 7.2               | 0.3           | 2.8        | NW         | -                 |
| 計    | Total |                 |            |            |                  |      |     |     |     |              |        | 196.5       |                   |               |            |            |                   |
| 平均   | Mean  | 3.9             | 9.8        | -0.9       | 6.5              | 6.6  | 6.7 | 6.8 | 6.8 | 8.5          | 81.5   | 6.3         | 11.3              | 0.9           | 6.6        |            | 11.3              |
| 最大   | Max.  | 11.3            | 21.1       | 5.6        | 11.4             | 10.5 | 9.6 | 8.0 | 7.3 | 9.1          | 100.0  | 33.5        | 23.0              | 3.3           | 19.9       |            | 35.0              |
| 最低   | Min.  | -1.4            | 0.1        | -5.8       | 2.1              | 3.0  | 3.7 | 5.3 | 6.1 | 8.2          | 49.0   | 0.0         | 0.8               | 0.1           | 2.2        |            | 1.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 04月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 10.5            | 16.0       | 1.3        | 6.8              | 6.2  | 6.3  | 6.9  | 7.3 | 8.3          | 73.5   | 0.0         | 12.2              | 2.9           | 14.2       | WNW        | -                 |
| 04   | 2     | 11.5            | 15.8       | 4.6        | 10.0             | 8.9  | 8.0  | 7.0  | 7.2 | 8.3          | 85.0   | 27.5        | 7.9               | 2.1           | 19.3       | SSE        | -                 |
| 04   | 3     | 5.6             | 14.0       | -1.2       | 10.2             | 9.5  | 8.9  | 7.6  | 7.2 | 8.3          | 54.6   | 0.0         | 21.7              | 1.0           | 10.0       | ESE        | -                 |
| 04   | 4     | 3.6             | 11.9       | -2.1       | 9.0              | 8.9  | 8.7  | 7.9  | 7.2 | 8.4          | 77.6   | 0.0         | 17.1              | 0.9           | 6.6        | ESE        | -                 |
| 04   | 5     | 5.5             | 8.0        | 2.3        | 7.9              | 8.3  | 8.5  | 8.0  | 7.3 | 8.4          | 99.7   | 4.0         | 2.4               | 0.3           | 2.8        | SW         | -                 |
| 04   | 6     | 10.6            | 19.0       | 3.8        | 10.5             | 9.2  | 8.7  | 8.0  | 7.4 | 8.3          | 83.2   | 0.0         | 20.7              | 0.8           | 6.0        | ENE        | -                 |
| 04   | 7     | 6.1             | 9.0        | 0.5        | 8.7              | 9.3  | 9.3  | 8.3  | 7.5 | 8.3          | 93.0   | 8.0         | 1.8               | 0.4           | 3.3        | ENE        | -                 |
| 04   | 8     | 4.8             | 13.0       | -1.7       | 9.7              | 9.0  | 8.8  | 8.4  | 7.6 | 8.4          | 73.0   | 0.0         | 25.5              | 0.9           | 5.3        | ESE        | -                 |
| 04   | 9     | 4.8             | 10.3       | 0.5        | 9.5              | 9.4  | 9.3  | 8.5  | 7.7 | 8.4          | 80.2   | 0.0         | 14.7              | 0.6           | 4.7        | SE         | -                 |
| 04   | 10    | 10.3            | 19.0       | 2.2        | 11.5             | 10.2 | 9.6  | 8.6  | 7.7 | 8.4          | 77.7   | 0.0         | 23.6              | 0.8           | 6.2        | SSE        | -                 |
| 04   | 11    | 12.0            | 22.9       | 7.3        | 11.6             | 11.0 | 10.4 | 8.9  | 7.8 | 8.4          | 85.4   | 11.5        | 10.9              | 0.6           | 5.2        | ESE        | -                 |
| 04   | 12    | 4.4             | 8.2        | 1.8        | 9.3              | 10.3 | 10.4 | 9.3  | 7.9 | 8.4          | 99.0   | 32.5        | 2.4               | 0.5           | 3.7        | ESE        | -                 |
| 04   | 13    | 12.5            | 21.6       | 2.1        | 11.6             | 10.1 | 9.7  | 9.4  | 8.1 | 8.4          | 88.5   | 2.5         | 21.2              | 0.8           | 5.2        | ESE        | -                 |
| 04   | 14    | 8.1             | 13.9       | 3.3        | 12.9             | 12.1 | 11.3 | 9.6  | 8.2 | 8.4          | 66.3   | 0.0         | 25.1              | 1.1           | 6.3        | ESE        | -                 |
| 04   | 15    | 2.2             | 4.2        | 0.5        | 9.4              | 10.5 | 10.8 | 9.9  | 8.3 | 8.4          | 96.3   | 7.0         | 4.5               | 0.5           | 3.3        | ESE        | -                 |
| 04   | 16    | -0.1            | 1.7        | -2.0       | 7.0              | 8.4  | 9.3  | 9.8  | 8.4 | 8.4          | 99.9   | 1.5         | 2.5               | 0.4           | 4.1        | ESE        | -                 |
| 04   | 17    | 3.0             | 9.8        | -1.4       | 5.1              | 6.7  | 8.0  | 9.4  | 8.6 | 8.5          | 92.4   | 25.5        | 16.2              | 0.2           | 2.4        | NNE        | 25                |
| 04   | 18    | 6.4             | 15.1       | -0.5       | 7.2              | 6.9  | 7.2  | 8.8  | 8.6 | 8.5          | 75.1   | 0.0         | 23.5              | 0.7           | 4.9        | SSE        | -                 |
| 04   | 19    | 10.2            | 17.3       | 3.8        | 9.8              | 8.9  | 8.4  | 8.5  | 8.6 | 8.5          | 72.5   | 0.0         | 17.2              | 0.7           | 5.7        | ESE        | -                 |
| 04   | 20    | 10.9            | 15.6       | 6.6        | 10.5             | 9.9  | 9.4  | 8.7  | 8.5 | 8.5          | 80.2   | 1.5         | 12.0              | 1.0           | 8.7        | W          | -                 |
| 04   | 21    | 13.9            | 22.3       | 8.2        | 12.9             | 11.4 | 10.4 | 9.0  | 8.5 | 8.6          | 73.1   | 0.0         | 18.0              | 0.8           | 5.3        | ESE        | -                 |
| 04   | 22    | 5.0             | 10.6       | 2.7        | 9.7              | 10.6 | 10.7 | 9.5  | 8.5 | 8.6          | 96.0   | 21.5        | 2.1               | 0.6           | 4.7        | ESE        | -                 |
| 04   | 23    | 5.7             | 7.9        | 3.7        | 8.7              | 9.1  | 9.5  | 9.6  | 8.6 | 8.6          | 99.7   | 7.5         | 4.0               | 0.6           | 3.7        | ESE        | -                 |
| 04   | 24    | 5.1             | 13.3       | -0.4       | 10.4             | 9.8  | 9.6  | 9.5  | 8.7 | 8.7          | 69.7   | 0.0         | 24.0              | 1.1           | 8.8        | NNW        | -                 |
| 04   | 25    | 6.9             | 16.1       | -1.5       | 10.9             | 10.4 | 10.1 | 9.6  | 8.7 | 8.7          | 62.3   | 0.5         | 25.2              | 1.0           | 6.0        | NE         | -                 |
| 04   | 26    | 10.1            | 19.4       | 1.8        | 12.0             | 11.3 | 10.7 | 9.7  | 8.8 | 8.7          | 52.5   | 0.0         | 24.9              | 1.0           | 5.7        | ESE        | -                 |
| 04   | 27    | 5.4             | 6.6        | 4.5        | 9.8              | 10.6 | 10.8 | 10.0 | 8.8 | 8.8          | 97.9   | 19.5        | 2.0               | 0.4           | 3.1        | ESE        | -                 |
| 04   | 28    | 9.0             | 13.3       | 5.0        | 10.0             | 9.7  | 9.9  | 10.0 | 8.9 | 8.8          | 96.1   | 23.0        | 8.7               | 0.4           | 3.7        | SW         | -                 |
| 04   | 29    | 11.1            | 19.6       | 4.4        | 11.7             | 11.2 | 10.7 | 10.0 | 9.0 | 8.8          | 76.6   | 8.5         | 18.5              | 1.4           | 13.8       | NW         | -                 |
| 04   | 30    | 8.8             | 16.4       | 2.7        | 12.0             | 11.5 | 11.1 | 10.2 | 9.1 | 8.8          | 71.6   | 0.0         | 21.6              | 0.8           | 5.2        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |     |              |        | 202.0       |                   |               |            |            |                   |
| 平均   | Mean  | 7.5             | 13.7       | 2.1        | 9.9              | 9.6  | 9.5  | 9.0  | 8.1 | 8.5          | 81.6   | 6.7         | 14.4              | 0.8           | 6.2        |            | 25.0              |
| 最大   | Max.  | 13.9            | 22.9       | 8.2        | 12.9             | 12.1 | 11.3 | 10.2 | 9.1 | 8.8          | 99.9   | 32.5        | 25.5              | 2.9           | 19.3       |            | 25.0              |
| 最低   | Min.  | -0.1            | 1.7        | -2.1       | 5.1              | 6.2  | 6.3  | 6.9  | 7.2 | 8.3          | 52.5   | 0.0         | 1.8               | 0.2           | 2.4        |            | 25.0              |

代替機器観測日 (The date of observation by alternative hardwares)



2010年 05月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 10.7            | 20.0       | 3.1        | 12.7             | 12.0 | 11.5 | 10.4 | 9.1  | 8.8          | 51.5   | 0.0         | 26.5              | 1.1           | 5.5        | SE         | -                 |
| 05   | 2     | 11.3            | 20.9       | 3.5        | 12.8             | 12.3 | 11.9 | 10.6 | 9.2  | 8.9          | 54.6   | 0.0         | 20.3              | 0.9           | 6.0        | NW         | -                 |
| 05   | 3     | 15.1            | 23.6       | 7.5        | 14.1             | 13.0 | 12.3 | 10.8 | 9.3  | 8.9          | 57.4   | 0.0         | 24.5              | 0.9           | 5.5        | ENE        | -                 |
| 05   | 4     | 18.4            | 28.5       | 10.3       | 15.6             | 14.2 | 13.2 | 11.1 | 9.4  | 8.9          | 49.8   | 0.0         | 22.9              | 0.8           | 5.1        | SE         | -                 |
| 05   | 5     | 19.7            | 29.0       | 12.8       | 17.1             | 15.5 | 14.3 | 11.6 | 9.5  | 8.9          | 60.3   | 0.0         | 23.0              | 0.9           | 5.5        | W          | -                 |
| 05   | 6     | 20.5            | 29.3       | 13.3       | 17.6             | 16.3 | 15.1 | 12.2 | 9.6  | 9.0          | 49.9   | 0.0         | 25.5              | 2.2           | 14.1       | WNW        | -                 |
| 05   | 7     | 14.7            | 19.7       | 8.1        | 15.2             | 15.3 | 14.9 | 12.6 | 9.8  | 9.0          | 85.1   | 4.0         | 4.9               | 1.0           | 10.4       | E          | -                 |
| 05   | 8     | 14.7            | 24.9       | 6.6        | 15.8             | 14.9 | 14.4 | 12.8 | 10.0 | 9.1          | 60.0   | 0.0         | 24.4              | 0.8           | 6.1        | ENE        | -                 |
| 05   | 9     | 15.0            | 24.9       | 7.3        | 16.1             | 15.4 | 14.8 | 12.9 | 10.2 | 9.1          | 45.9   | 0.0         | 26.4              | 0.9           | 6.3        | E          | -                 |
| 05   | 10    | 11.9            | 17.7       | 6.4        | 14.6             | 14.8 | 14.6 | 13.0 | 10.4 | 9.2          | 71.7   | 0.0         | 11.9              | 0.9           | 8.4        | WSW        | -                 |
| 05   | 11    | 10.6            | 12.2       | 9.0        | 13.3             | 13.8 | 14.0 | 13.1 | 10.6 | 9.2          | 95.7   | 11.5        | 3.7               | 0.3           | 3.3        | SE         | -                 |
| 05   | 12    | 11.1            | 16.4       | 4.2        | 13.9             | 13.8 | 13.6 | 12.9 | 10.7 | 9.2          | 80.0   | 0.5         | 15.2              | 0.6           | 7.9        | W          | -                 |
| 05   | 13    | 9.2             | 17.5       | 2.3        | 13.8             | 13.7 | 13.6 | 12.9 | 10.8 | 9.3          | 65.4   | 0.0         | 21.9              | 0.9           | 7.3        | ESE        | -                 |
| 05   | 14    | 9.7             | 17.1       | 4.0        | 13.9             | 13.9 | 13.7 | 12.9 | 10.9 | 9.4          | 66.1   | 0.0         | 20.0              | 1.0           | 8.5        | ESE        | -                 |
| 05   | 15    | 10.6            | 18.3       | 2.5        | 14.4             | 14.0 | 13.7 | 12.9 | 11.0 | 9.5          | 65.7   | 0.0         | 28.7              | 0.9           | 5.8        | ESE        | -                 |
| 05   | 16    | 13.3            | 21.4       | 5.0        | 15.7             | 15.0 | 14.3 | 13.0 | 11.1 | 9.5          | 71.5   | 0.0         | 24.5              | 0.6           | 5.2        | SE         | -                 |
| 05   | 17    | 16.9            | 25.7       | 8.6        | 16.7             | 15.8 | 14.9 | 13.2 | 11.2 | 9.6          | 65.4   | 0.0         | 27.5              | 0.7           | 5.2        | SE         | -                 |
| 05   | 18    | 18.2            | 26.6       | 11.0       | 17.6             | 16.6 | 15.6 | 13.5 | 11.3 | 9.7          | 67.4   | 0.0         | 25.8              | 0.8           | 6.3        | ESE        | -                 |
| 05   | 19    | 14.7            | 20.2       | 11.9       | 16.3             | 16.2 | 15.8 | 13.9 | 11.4 | 9.7          | 89.4   | 3.0         | 8.0               | 0.4           | 4.7        | ESE        | -                 |
| 05   | 20    | 16.3            | 20.3       | 13.3       | 16.6             | 16.1 | 15.6 | 14.0 | 11.5 | 9.8          | 95.7   | 14.5        | 9.0               | 0.4           | 3.5        | ESE        | -                 |
| 05   | 21    | 18.8            | 29.0       | 11.0       | 18.5             | 17.3 | 16.3 | 14.2 | 11.6 | 9.8          | 68.4   | 3.5         | 28.7              | 0.8           | 6.4        | N          | -                 |
| 05   | 22    | 17.7            | 24.4       | 11.1       | 17.5             | 17.2 | 16.6 | 14.6 | 11.7 | 9.9          | 60.0   | 0.0         | 18.1              | 0.5           | 4.2        | E          | -                 |
| 05   | 23    | 12.5            | 15.2       | 10.8       | 15.2             | 16.1 | 16.2 | 14.8 | 11.9 | 10.0         | 95.8   | 35.5        | 2.8               | 0.3           | 5.2        | SW         | -                 |
| 05   | 24    | 12.5            | 13.8       | 10.9       | 13.9             | 14.5 | 15.0 | 14.9 | 12.1 | 10.1         | 99.8   | 22.0        | 2.9               | 0.5           | 4.5        | E          | -                 |
| 05   | 25    | 16.9            | 22.2       | 11.7       | 16.4             | 15.5 | 15.2 | 14.7 | 12.4 | 10.1         | 84.2   | 0.5         | 15.4              | 0.9           | 7.3        | N          | -                 |
| 05   | 26    | 13.1            | 15.1       | 11.2       | 14.9             | 15.5 | 15.6 | 14.8 | 12.5 | 10.2         | 98.9   | 50.5        | 3.2               | 0.4           | 3.6        | E          | -                 |
| 05   | 27    | 13.4            | 21.0       | 9.1        | 15.6             | 15.3 | 15.2 | 14.9 | 12.8 | 10.4         | 87.3   | 0.0         | 15.3              | 0.6           | 6.1        | E          | -                 |
| 05   | 28    | 14.0            | 21.5       | 6.6        | 17.0             | 16.2 | 15.8 | 14.9 | 12.9 | 10.5         | 71.6   | 0.0         | 29.1              | 0.9           | 5.5        | E          | -                 |
| 05   | 29    | 9.7             | 11.7       | 7.5        | 14.5             | 15.5 | 15.8 | 15.0 | 13.0 | 10.6         | 94.2   | 8.0         | 3.6               | 0.4           | 2.8        | ESE        | -                 |
| 05   | 30    | 9.0             | 10.5       | 8.0        | 13.4             | 14.1 | 14.7 | 14.9 | 13.0 | 10.7         | 99.1   | 2.5         | 4.6               | 0.5           | 3.3        | ESE        | -                 |
| 05   | 31    | 12.2            | 16.8       | 8.3        | 14.8             | 14.5 | 14.6 | 14.7 | 13.1 | 10.8         | 88.3   | 0.0         | 13.5              | 0.4           | 4.6        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 156.0       |                   |               |            |            |                   |
| 平均   | Mean  | 13.9            | 20.5       | 8.3        | 15.3             | 15.0 | 14.6 | 13.3 | 11.1 | 9.6          | 74.1   | 5.0         | 17.1              | 0.7           | 5.9        |            |                   |
| 最大   | Max.  | 20.5            | 29.3       | 13.3       | 18.5             | 17.3 | 16.6 | 15.0 | 13.1 | 10.8         | 99.8   | 50.5        | 29.1              | 2.2           | 14.1       |            |                   |
| 最低   | Min.  | 9.0             | 10.5       | 2.3        | 12.7             | 12.0 | 11.5 | 10.4 | 9.1  | 8.8          | 45.9   | 0.0         | 2.8               | 0.3           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 06月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 14.1            | 21.5       | 8.4        | 16.6             | 15.8 | 15.4 | 14.6 | 13.1 | 10.9         | 73.9   | 0.0         | 24.8              | 0.7           | 4.6        | ESE        | -                 |
| 06   | 2     | 15.1            | 23.4       | 7.3        | 17.1             | 16.4 | 15.9 | 14.8 | 13.1 | 11.0         | 65.5   | 0.0         | 29.3              | 0.8           | 5.7        | S          | -                 |
| 06   | 3     | 15.2            | 26.1       | 8.8        | 17.2             | 16.8 | 16.3 | 15.0 | 13.1 | 11.1         | 71.8   | 0.0         | 20.3              | 1.0           | 7.0        | W          | -                 |
| 06   | 4     | 16.0            | 23.7       | 9.7        | 17.7             | 17.0 | 16.6 | 15.2 | 13.2 | 11.2         | 78.4   | 5.5         | 21.2              | 0.6           | 7.9        | E          | -                 |
| 06   | 5     | 15.6            | 22.5       | 10.3       | 18.2             | 17.5 | 17.0 | 15.4 | 13.3 | 11.2         | 85.8   | 0.0         | 18.3              | 0.6           | 5.0        | ESE        | -                 |
| 06   | 6     | 18.0            | 25.0       | 12.5       | 19.6             | 18.5 | 17.6 | 15.7 | 13.3 | 11.3         | 73.4   | 0.0         | 26.9              | 0.7           | 5.2        | SE         | -                 |
| 06   | 7     | 17.9            | 25.6       | 11.2       | 19.1             | 18.6 | 18.0 | 16.0 | 13.5 | 11.3         | 70.6   | 0.0         | 21.4              | 0.7           | 4.6        | E          | -                 |
| 06   | 8     | 15.1            | 19.2       | 12.1       | 17.7             | 17.9 | 17.8 | 16.3 | 13.6 | 11.4         | 83.3   | 0.5         | 8.8               | 0.4           | 4.2        | WSW        | -                 |
| 06   | 9     | 16.0            | 23.2       | 11.7       | 18.2             | 17.7 | 17.4 | 16.3 | 13.7 | 11.5         | 80.8   | 3.0         | 17.7              | 0.5           | 3.8        | SW         | -                 |
| 06   | 10    | 19.2            | 27.6       | 11.4       | 19.3             | 18.5 | 17.9 | 16.4 | 13.8 | 11.5         | 65.5   | 0.0         | 24.6              | 0.7           | 4.7        | ESE        | -                 |
| 06   | 11    | 19.6            | 25.7       | 14.4       | 20.6             | 19.5 | 18.6 | 16.6 | 13.9 | 11.6         | 76.5   | 0.0         | 24.8              | 0.8           | 5.5        | SE         | -                 |
| 06   | 12    | 20.8            | 27.6       | 14.1       | 21.4             | 20.3 | 19.3 | 16.9 | 14.1 | 11.7         | 76.7   | 0.0         | 24.4              | 0.6           | 5.3        | SSW        | -                 |
| 06   | 13    | 18.9            | 22.4       | 16.0       | 20.1             | 19.9 | 19.4 | 17.3 | 14.2 | 11.7         | 86.4   | 0.0         | 10.7              | 0.5           | 3.9        | ESE        | -                 |
| 06   | 14    | 14.5            | 16.6       | 13.2       | 18.2             | 18.7 | 18.8 | 17.5 | 14.4 | 11.8         | 98.0   | 8.5         | 4.9               | 0.1           | 2.6        | SSE        | -                 |
| 06   | 15    | 19.4            | 27.0       | 12.5       | 19.7             | 18.9 | 18.5 | 17.4 | 14.5 | 11.9         | 88.2   | 2.5         | 19.8              | 0.4           | 5.4        | ESE        | -                 |
| 06   | 16    | 21.1            | 27.1       | 16.9       | 21.0             | 20.1 | 19.4 | 17.5 | 14.6 | 11.9         | 91.9   | 21.0        | 15.9              | 0.5           | 4.8        | ESE        | -                 |
| 06   | 17    | 20.8            | 28.1       | 15.0       | 21.4             | 20.6 | 19.9 | 17.9 | 14.7 | 12.0         | 83.8   | 0.0         | 21.6              | 0.5           | 5.4        | SE         | -                 |
| 06   | 18    | 19.2            | 25.2       | 16.8       | 20.3             | 20.4 | 20.1 | 18.2 | 14.8 | 12.1         | 90.7   | 24.0        | 9.4               | 0.5           | 4.2        | W          | -                 |
| 06   | 19    | 20.2            | 24.2       | 16.6       | 20.0             | 19.8 | 19.7 | 18.6 | 15.1 | 12.1         | 95.1   | 20.5        | 10.7              | 0.2           | 3.7        | SE         | -                 |
| 06   | 20    | 21.3            | 26.5       | 17.9       | 21.1             | 20.6 | 20.2 | 18.6 | 15.4 | 12.3         | 88.9   | 0.0         | 12.7              | 0.4           | 4.6        | WNW        | -                 |
| 06   | 21    | 21.3            | 28.0       | 17.3       | 21.4             | 20.9 | 20.4 | 18.8 | 15.6 | 12.4         | 85.8   | 0.0         | 15.4              | 0.4           | 4.6        | SW         | -                 |
| 06   | 22    | 21.0            | 27.1       | 17.5       | 21.3             | 21.0 | 20.6 | 18.9 | 15.7 | 12.5         | 86.9   | 0.0         | 12.9              | 0.5           | 3.5        | WSW        | -                 |
| 06   | 23    | 19.5            | 22.8       | 16.2       | 20.7             | 20.7 | 20.6 | 19.1 | 15.8 | 12.6         | 94.8   | 12.0        | 8.4               | 0.3           | 3.0        | W          | -                 |
| 06   | 24    | 19.7            | 27.1       | 14.7       | 21.3             | 20.9 | 20.5 | 19.2 | 16.0 | 12.7         | 79.6   | 0.0         | 25.1              | 0.6           | 4.7        | ENE        | -                 |
| 06   | 25    | 21.1            | 28.0       | 14.9       | 21.5             | 21.1 | 20.7 | 19.3 | 16.1 | 12.8         | 76.0   | 0.0         | 21.5              | 0.5           | 5.0        | E          | -                 |
| 06   | 26    | 19.9            | 22.8       | 17.3       | 20.7             | 20.8 | 20.7 | 19.4 | 16.2 | 12.9         | 91.7   | 3.0         | 6.5               | 0.4           | 4.0        | NE         | -                 |
| 06   | 27    | 21.7            | 26.0       | 18.9       | 21.2             | 20.9 | 20.6 | 19.4 | 16.4 | 13.0         | 94.1   | 4.5         | 10.2              | 0.1           | 2.2        | SSW        | -                 |
| 06   | 28    | 22.9            | 29.2       | 19.2       | 22.3             | 21.7 | 21.1 | 19.5 | 16.5 | 13.1         | 91.2   | 0.0         | 14.3              | 0.3           | 3.9        | S          | -                 |
| 06   | 29    | 21.7            | 25.0       | 19.7       | 21.7             | 21.7 | 21.5 | 19.8 | 16.6 | 13.2         | 96.8   | 45.5        | 7.1               | 0.3           | 4.0        | E          | -                 |
| 06   | 30    | 22.2            | 26.2       | 19.5       | 22.2             | 21.9 | 21.7 | 20.4 | 17.1 | 13.4         | 92.1   | 23.5        | 14.3              | 0.4           | 5.2        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 174.0       |                   |               |            |            |                   |
| 平均   | Mean  | 19.0            | 25.0       | 14.4       | 20.0             | 19.5 | 19.1 | 17.5 | 14.7 | 12.0         | 83.8   | 5.8         | 16.8              | 0.5           | 4.6        |            |                   |
| 最大   | Max.  | 22.9            | 29.2       | 19.7       | 22.3             | 21.9 | 21.7 | 20.4 | 17.1 | 13.4         | 98.0   | 45.5        | 29.3              | 1.0           | 7.9        |            |                   |
| 最低   | Min.  | 14.1            | 16.6       | 7.3        | 16.6             | 15.8 | 15.4 | 14.6 | 13.1 | 10.9         | 65.5   | 0.0         | 4.9               | 0.1           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 21.6            | 25.2       | 17.4       | 22.5             | 22.4 | 22.1 | 20.5 | 17.3 | 13.6         | 92.6   | 27.0        | 12.2              | 0.5           | 5.1        | ESE        | -                 |
| 07   | 2     | 20.3            | 25.6       | 16.3       | 22.1             | 22.1 | 22.0 | 20.8 | 17.5 | 13.7         | 93.7   | 13.0        | 14.4              | 0.3           | 4.6        | E          | -                 |
| 07   | 3     | 21.0            | 24.4       | 17.6       | 22.4             | 22.3 | 22.2 | 20.9 | 17.7 | 13.9         | 93.9   | 5.0         | 11.5              | 0.3           | 3.4        | ESE        | -                 |
| 07   | 4     | 22.6            | 27.8       | 19.5       | 23.4             | 22.9 | 22.5 | 21.0 | 17.9 | 14.1         | 93.2   | 9.0         | 12.9              | 0.3           | 3.5        | W          | -                 |
| 07   | 5     | 22.2            | 25.5       | 19.1       | 23.3             | 23.1 | 22.9 | 21.2 | 18.0 | 14.2         | 92.5   | 0.0         | 10.2              | 0.5           | 3.4        | ESE        | -                 |
| 07   | 6     | 21.7            | 25.0       | 19.8       | 23.1             | 23.0 | 22.9 | 21.4 | 18.2 | 14.3         | 95.9   | 1.5         | 8.0               | 0.4           | 3.7        | ESE        | -                 |
| 07   | 7     | 20.7            | 25.4       | 18.4       | 22.7             | 22.8 | 22.7 | 21.5 | 18.3 | 14.5         | 94.8   | 14.5        | 9.2               | 0.4           | 3.7        | SSE        | -                 |
| 07   | 8     | 22.1            | 28.6       | 16.4       | 23.6             | 23.1 | 22.8 | 21.5 | 18.4 | 14.6         | 84.7   | 0.5         | 23.3              | 0.5           | 4.5        | WNW        | -                 |
| 07   | 9     | 20.3            | 24.6       | 16.5       | 22.5             | 23.0 | 23.1 | 21.7 | 18.5 | 14.7         | 89.9   | 36.5        | 8.5               | 0.4           | 4.7        | NW         | -                 |
| 07   | 10    | 21.6            | 29.6       | 15.4       | 22.8             | 22.4 | 22.4 | 21.9 | 18.9 | 14.9         | 85.2   | 0.0         | 22.8              | 0.5           | 4.3        | ENE        | -                 |
| 07   | 11    | 20.2            | 22.6       | 17.4       | 22.2             | 22.7 | 22.8 | 21.8 | 19.0 | 15.1         | 94.3   | 0.5         | 6.5               | 0.4           | 4.6        | ENE        | -                 |
| 07   | 12    | 22.6            | 25.0       | 20.5       | 22.1             | 22.3 | 22.4 | 21.8 | 19.1 | 15.2         | 88.0   | 0.0         | 5.4               | 0.8           | 8.0        | NW         | -                 |
| 07   | 13    | 19.5            | 20.7       | 18.1       | 21.3             | 21.9 | 22.2 | 21.7 | 19.1 | 15.3         | 98.7   | 10.0        | 2.9               | 0.5           | 4.9        | ESE        | -                 |
| 07   | 14    | 19.3            | 21.3       | 17.5       | 20.7             | 21.2 | 21.6 | 21.6 | 19.1 | 15.4         | 99.7   | 19.0        | 4.5               | 0.3           | 2.5        | SE         | -                 |
| 07   | 15    | 21.9            | 26.7       | 19.1       | 22.2             | 21.9 | 21.8 | 21.5 | 19.2 | 15.5         | 94.2   | 6.5         | 13.1              | 0.4           | 4.8        | ESE        | -                 |
| 07   | 16    | 22.5            | 27.9       | 18.7       | 23.6             | 23.2 | 22.7 | 21.5 | 19.3 | 15.6         | 89.1   | 3.5         | 18.3              | 0.7           | 6.2        | E          | -                 |
| 07   | 17    | 23.6            | 29.1       | 18.2       | 24.1             | 23.6 | 23.2 | 21.8 | 19.3 | 15.7         | 88.1   | 0.0         | 19.6              | 0.5           | 5.2        | ESE        | -                 |
| 07   | 18    | 24.5            | 30.5       | 18.7       | 25.3             | 24.6 | 23.9 | 22.1 | 19.3 | 15.8         | 82.6   | 0.0         | 23.8              | 0.6           | 5.0        | SSE        | -                 |
| 07   | 19    | 24.8            | 32.4       | 17.8       | 25.5             | 25.0 | 24.3 | 22.4 | 19.4 | 15.9         | 78.4   | 0.0         | 23.8              | 0.6           | 5.3        | WSW        | -                 |
| 07   | 20    | 25.8            | 32.9       | 20.3       | 25.8             | 25.3 | 24.7 | 22.7 | 19.5 | 16.0         | 79.8   | 0.0         | 19.0              | 0.5           | 4.2        | W          | -                 |
| 07   | 21    | 26.4            | 33.1       | 21.1       | 26.3             | 25.7 | 25.0 | 23.0 | 19.6 | 16.1         | 77.2   | 0.0         | 21.2              | 0.6           | 4.9        | WSW        | -                 |
| 07   | 22    | 25.7            | 32.9       | 20.8       | 26.3             | 25.8 | 25.2 | 23.2 | 19.8 | 16.1         | 82.1   | 13.0        | 22.0              | 0.5           | 4.3        | SW         | -                 |
| 07   | 23    | 25.2            | 33.1       | 19.7       | 26.6             | 26.1 | 25.5 | 23.5 | 19.9 | 16.2         | 83.7   | 0.5         | 24.0              | 0.6           | 5.9        | W          | -                 |
| 07   | 24    | 24.6            | 32.6       | 19.4       | 26.3             | 26.2 | 25.7 | 23.7 | 20.0 | 16.3         | 84.1   | 5.5         | 19.7              | 0.7           | 7.6        | WSW        | -                 |
| 07   | 25    | 21.7            | 30.7       | 18.2       | 24.6             | 25.2 | 25.3 | 23.9 | 20.2 | 16.3         | 91.8   | 29.0        | 15.3              | 0.5           | 6.3        | NNW        | -                 |
| 07   | 26    | 22.2            | 30.9       | 17.7       | 24.2             | 24.6 | 24.7 | 24.0 | 20.4 | 16.4         | 88.4   | 26.5        | 19.2              | 0.5           | 5.3        | E          | -                 |
| 07   | 27    | 23.9            | 31.5       | 18.0       | 25.1             | 24.8 | 24.6 | 24.0 | 20.7 | 16.5         | 85.5   | 0.0         | 25.2              | 0.5           | 4.6        | ESE        | -                 |
| 07   | 28    | 23.7            | 30.7       | 17.8       | 25.5             | 25.4 | 25.1 | 23.9 | 20.9 | 16.7         | 79.2   | 0.0         | 22.5              | 0.7           | 4.3        | NW         | -                 |
| 07   | 29    | 21.0            | 23.1       | 19.6       | 23.8             | 24.5 | 24.8 | 24.0 | 20.9 | 16.8         | 93.4   | 3.0         | 4.5               | 0.7           | 7.7        | NNW        | -                 |
| 07   | 30    | 23.4            | 27.8       | 19.7       | 24.5             | 24.4 | 24.4 | 23.9 | 21.0 | 16.9         | 90.8   | 1.5         | 15.5              | 0.4           | 4.5        | SE         | -                 |
| 07   | 31    | 24.3            | 31.2       | 20.6       | 25.2             | 25.1 | 24.8 | 23.9 | 21.1 | 17.0         | 88.5   | 0.0         | 14.6              | 0.5           | 4.3        | W          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 225.5       |                   |               |            |            |                   |
| 平均   | Mean  | 22.6            | 28.0       | 18.6       | 23.9             | 23.7 | 23.5 | 22.3 | 19.3 | 15.5         | 88.8   | 7.3         | 15.3              | 0.5           | 4.9        |            |                   |
| 最大   | Max.  | 26.4            | 33.1       | 21.1       | 26.6             | 26.2 | 25.7 | 24.0 | 21.1 | 17.0         | 99.7   | 36.5        | 25.2              | 0.8           | 8.0        |            |                   |
| 最低   | Min.  | 19.3            | 20.7       | 15.4       | 20.7             | 21.2 | 21.6 | 20.5 | 17.3 | 13.6         | 77.2   | 0.0         | 2.9               | 0.3           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 24.9            | 31.3       | 20.8       | 25.6             | 25.4 | 25.1 | 24.0 | 21.1 | 17.1         | 88.6   | 1.5         | 16.2              | 0.5           | 4.2        | WSW        | -                 |
| 08   | 2     | 23.8            | 26.7       | 22.3       | 25.0             | 25.2 | 25.2 | 24.1 | 21.1 | 17.1         | 95.8   | 5.5         | 6.7               | 0.2           | 3.8        | ESE        | -                 |
| 08   | 3     | 24.2            | 30.4       | 20.1       | 25.5             | 25.3 | 25.1 | 24.1 | 21.2 | 17.2         | 90.6   | 0.0         | 16.7              | 0.5           | 4.9        | SE         | -                 |
| 08   | 4     | 24.6            | 31.5       | 18.5       | 26.0             | 25.7 | 25.3 | 24.2 | 21.3 | 17.3         | 83.1   | 0.0         | 25.8              | 0.7           | 4.9        | WSW        | -                 |
| 08   | 5     | 25.5            | 32.4       | 19.8       | 26.3             | 26.0 | 25.7 | 24.3 | 21.3 | 17.4         | 83.6   | 0.0         | 22.0              | 0.6           | 4.6        | WSW        | -                 |
| 08   | 6     | 25.5            | 32.1       | 21.4       | 26.9             | 26.5 | 26.0 | 24.5 | 21.4 | 17.5         | 83.6   | 0.0         | 22.0              | 0.6           | 4.6        | SSW        | -                 |
| 08   | 7     | 24.2            | 30.4       | 18.4       | 26.3             | 26.2 | 26.0 | 24.7 | 21.5 | 17.6         | 82.3   | 0.0         | 23.9              | 0.6           | 4.9        | S          | -                 |
| 08   | 8     | 23.4            | 27.7       | 19.7       | 25.5             | 25.6 | 25.7 | 24.7 | 21.7 | 17.7         | 85.8   | 2.0         | 12.8              | 0.5           | 4.8        | ESE        | -                 |
| 08   | 9     | 22.1            | 25.4       | 19.3       | 24.4             | 24.8 | 25.1 | 24.6 | 21.7 | 17.7         | 95.3   | 17.5        | 10.2              | 0.3           | 3.3        | SE         | -                 |
| 08   | 10    | 23.2            | 27.1       | 21.3       | 24.9             | 25.0 | 25.0 | 24.5 | 21.7 | 17.8         | 94.3   | 13.0        | 10.9              | 0.4           | 4.5        | ESE        | -                 |
| 08   | 11    | 23.9            | 28.4       | 20.3       | 25.3             | 25.2 | 25.1 | 24.5 | 21.8 | 17.9         | 92.4   | 0.0         | 14.6              | 0.4           | 4.9        | S          | -                 |
| 08   | 12    | 22.8            | 25.5       | 20.6       | 24.5             | 24.8 | 25.1 | 24.5 | 21.8 | 17.9         | 92.7   | 2.0         | 6.4               | 0.5           | 5.8        | NNW        | -                 |
| 08   | 13    | 22.6            | 25.7       | 20.8       | 24.3             | 24.5 | 24.8 | 24.5 | 21.9 | 18.0         | 92.2   | 2.0         | 7.3               | 0.3           | 3.7        | ESE        | -                 |
| 08   | 14    | 22.8            | 26.1       | 20.3       | 24.2             | 24.3 | 24.6 | 24.4 | 21.9 | 18.1         | 95.8   | 0.5         | 8.1               | 0.1           | 2.1        | SW         | -                 |
| 08   | 15    | 25.4            | 30.6       | 20.9       | 25.1             | 24.8 | 24.8 | 24.3 | 21.9 | 18.1         | 86.9   | 0.0         | 15.4              | 0.4           | 2.8        | WNW        | -                 |
| 08   | 16    | 25.6            | 33.4       | 21.0       | 25.8             | 25.4 | 25.2 | 24.3 | 21.9 | 18.2         | 85.5   | 3.5         | 20.0              | 0.5           | 4.6        | NW         | -                 |
| 08   | 17    | 24.5            | 29.7       | 21.1       | 25.6             | 25.5 | 25.5 | 24.5 | 21.9 | 18.3         | 91.3   | 5.0         | 11.8              | 0.4           | 4.6        | ENE        | -                 |
| 08   | 18    | 25.1            | 31.0       | 21.1       | 26.0             | 25.7 | 25.6 | 24.6 | 21.9 | 18.3         | 88.6   | 0.0         | 16.4              | 0.4           | 4.4        | E          | -                 |
| 08   | 19    | 24.2            | 28.2       | 21.8       | 25.9             | 25.8 | 25.8 | 24.7 | 22.0 | 18.4         | 91.0   | 2.0         | 13.6              | 0.5           | 4.9        | ESE        | -                 |
| 08   | 20    | 23.4            | 29.8       | 20.2       | 25.7             | 25.6 | 25.6 | 24.8 | 22.0 | 18.5         | 92.1   | 5.0         | 17.9              | 0.5           | 4.9        | ESE        | -                 |
| 08   | 21    | 25.2            | 31.7       | 20.0       | 26.3             | 26.0 | 25.9 | 24.8 | 22.1 | 18.5         | 82.0   | 0.0         | 24.3              | 0.5           | 4.3        | SSE        | -                 |
| 08   | 22    | 25.6            | 32.1       | 20.7       | 26.3             | 26.1 | 26.0 | 24.9 | 22.2 | 18.6         | 81.1   | 0.0         | 22.1              | 0.6           | 5.4        | SW         | -                 |
| 08   | 23    | 24.7            | 32.4       | 20.1       | 26.2             | 26.0 | 26.0 | 25.0 | 22.3 | 18.6         | 83.2   | 0.0         | 20.3              | 0.7           | 6.0        | W          | -                 |
| 08   | 24    | 25.3            | 32.7       | 19.8       | 26.0             | 25.9 | 26.0 | 25.1 | 22.3 | 18.7         | 82.2   | 18.5        | 20.2              | 0.6           | 5.4        | WSW        | -                 |
| 08   | 25    | 23.6            | 31.1       | 19.3       | 25.5             | 25.7 | 25.8 | 25.1 | 22.3 | 18.7         | 90.4   | 21.0        | 19.9              | 0.6           | 4.9        | W          | -                 |
| 08   | 26    | 24.2            | 30.7       | 19.1       | 25.8             | 25.7 | 25.8 | 25.2 | 22.4 | 18.8         | 87.3   | 0.0         | 21.0              | 0.5           | 3.9        | WSW        | -                 |
| 08   | 27    | 24.4            | 31.4       | 19.7       | 26.0             | 25.9 | 26.0 | 25.2 | 22.5 | 18.8         | 84.4   | 0.0         | 19.6              | 0.5           | 3.4        | WSW        | -                 |
| 08   | 28    | 24.6            | 32.3       | 18.9       | 25.9             | 25.8 | 25.9 | 25.2 | 22.6 | 18.9         | 82.0   | 0.0         | 20.5              | 0.5           | 3.9        | WSW        | -                 |
| 08   | 29    | 24.7            | 31.7       | 19.2       | 25.6             | 25.6 | 25.9 | 25.2 | 22.7 | 19.0         | 81.3   | 0.0         | 18.7              | 0.4           | 4.0        | SSW        | -                 |
| 08   | 30    | 23.4            | 32.2       | 19.3       | 25.2             | 25.3 | 25.7 | 25.2 | 22.7 | 19.0         | 86.3   | 7.5         | 16.9              | 0.5           | 7.6        | WNW        | -                 |
| 08   | 31    | 24.6            | 31.8       | 19.5       | 25.4             | 25.3 | 25.5 | 25.1 | 22.7 | 19.1         | 84.6   | 0.0         | 19.6              | 0.4           | 4.3        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 106.5       |                   |               |            |            |                   |
| 平均   | Mean  | 24.2            | 30.1       | 20.2       | 25.6             | 25.5 | 25.5 | 24.7 | 21.9 | 18.1         | 87.6   | 3.4         | 16.8              | 0.5           | 4.5        |            |                   |
| 最大   | Max.  | 25.6            | 33.4       | 22.3       | 26.9             | 26.5 | 26.0 | 25.2 | 22.7 | 19.1         | 95.8   | 21.0        | 25.8              | 0.7           | 7.6        |            |                   |
| 最低   | Min.  | 22.1            | 25.4       | 18.4       | 24.2             | 24.3 | 24.6 | 24.0 | 21.1 | 17.1         | 81.1   | 0.0         | 6.4               | 0.1           | 2.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 09月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 24.5            | 31.2       | 20.0       | 25.8             | 25.6 | 25.7 | 25.1 | 22.8 | 19.1         | 81.6   | 0.0         | 21.7              | 0.5           | 4.4        | S          | -                 |
| 09   | 2     | 24.2            | 31.6       | 18.6       | 26.1             | 25.8 | 25.8 | 25.1 | 22.8 | 19.2         | 80.3   | 0.0         | 21.3              | 0.5           | 4.3        | S          | -                 |
| 09   | 3     | 25.3            | 33.1       | 18.9       | 26.5             | 26.1 | 26.0 | 25.1 | 22.9 | 19.3         | 77.0   | 0.0         | 21.3              | 0.6           | 4.9        | WSW        | -                 |
| 09   | 4     | 25.4            | 33.5       | 19.6       | 26.8             | 26.4 | 26.3 | 25.2 | 22.9 | 19.3         | 74.1   | 0.0         | 22.8              | 0.6           | 4.1        | WSW        | -                 |
| 09   | 5     | 25.1            | 32.4       | 19.2       | 26.9             | 26.4 | 26.3 | 25.3 | 22.9 | 19.4         | 79.8   | 0.0         | 19.4              | 0.5           | 4.7        | SE         | -                 |
| 09   | 6     | 25.3            | 32.0       | 20.7       | 27.0             | 26.6 | 26.5 | 25.4 | 23.0 | 19.4         | 81.5   | 0.0         | 18.9              | 0.5           | 4.5        | S          | -                 |
| 09   | 7     | 24.7            | 33.3       | 19.0       | 26.2             | 26.1 | 26.3 | 25.4 | 23.1 | 19.5         | 71.6   | 2.5         | 17.9              | 0.4           | 3.4        | WNW        | -                 |
| 09   | 8     | 20.5            | 21.5       | 19.5       | 24.0             | 24.9 | 25.7 | 25.4 | 23.1 | 19.5         | 99.6   | 18.5        | 1.3               | 0.5           | 3.5        | E          | -                 |
| 09   | 9     | 21.1            | 25.8       | 18.8       | 23.8             | 24.0 | 24.7 | 25.1 | 23.0 | 19.5         | 93.1   | 8.0         | 13.1              | 0.3           | 4.2        | ESE        | -                 |
| 09   | 10    | 22.6            | 29.1       | 18.6       | 25.2             | 24.9 | 25.0 | 24.9 | 23.0 | 19.6         | 86.4   | 0.0         | 19.2              | 0.4           | 4.3        | SE         | -                 |
| 09   | 11    | 23.8            | 31.7       | 17.7       | 25.5             | 25.3 | 25.4 | 24.9 | 23.0 | 19.6         | 82.4   | 0.0         | 19.7              | 0.6           | 4.1        | WSW        | -                 |
| 09   | 12    | 23.9            | 30.4       | 19.3       | 25.3             | 25.3 | 25.5 | 24.9 | 23.0 | 19.7         | 85.7   | 0.0         | 14.7              | 0.6           | 4.9        | ESE        | -                 |
| 09   | 13    | 24.0            | 30.4       | 19.6       | 25.5             | 25.4 | 25.6 | 25.0 | 23.0 | 19.7         | 86.4   | 0.0         | 13.3              | 0.4           | 4.6        | SE         | -                 |
| 09   | 14    | 21.4            | 29.1       | 16.4       | 24.8             | 25.0 | 25.3 | 25.0 | 23.0 | 19.8         | 81.2   | 4.5         | 19.7              | 0.5           | 4.7        | SSE        | -                 |
| 09   | 15    | 16.5            | 18.5       | 15.4       | 22.5             | 23.6 | 24.7 | 24.9 | 23.0 | 19.8         | 99.1   | 5.0         | 2.6               | 0.5           | 3.7        | ESE        | -                 |
| 09   | 16    | 16.0            | 17.5       | 14.3       | 19.8             | 21.3 | 22.8 | 24.5 | 23.0 | 19.8         | 99.9   | 46.0        | 2.8               | 0.2           | 3.2        | ESE        | -                 |
| 09   | 17    | 18.7            | 26.2       | 12.8       | 21.2             | 21.3 | 22.1 | 23.8 | 23.1 | 19.9         | 88.0   | 0.0         | 19.5              | 0.5           | 4.9        | W          | -                 |
| 09   | 18    | 19.4            | 26.5       | 14.6       | 22.3             | 22.4 | 22.8 | 23.5 | 23.0 | 20.0         | 87.5   | 0.0         | 16.9              | 0.5           | 6.1        | SW         | -                 |
| 09   | 19    | 20.7            | 27.4       | 15.7       | 23.0             | 23.0 | 23.2 | 23.4 | 22.8 | 20.0         | 85.2   | 0.0         | 15.5              | 0.5           | 3.7        | SW         | -                 |
| 09   | 20    | 19.1            | 22.2       | 16.4       | 22.2             | 22.7 | 23.3 | 23.5 | 22.7 | 20.1         | 93.0   | 0.0         | 7.2               | 0.4           | 4.3        | SSE        | -                 |
| 09   | 21    | 22.1            | 30.4       | 15.9       | 22.7             | 22.6 | 23.1 | 23.4 | 22.6 | 20.1         | 84.7   | 0.0         | 17.0              | 0.5           | 3.4        | W          | -                 |
| 09   | 22    | 23.5            | 31.5       | 17.8       | 23.7             | 23.5 | 23.6 | 23.4 | 22.6 | 20.1         | 81.8   | 0.0         | 16.6              | 0.6           | 4.7        | SSE        | -                 |
| 09   | 23    | 15.8            | 20.8       | 12.5       | 20.3             | 21.9 | 23.0 | 23.5 | 22.5 | 20.1         | 100.0  | 48.5        | 1.0               | 0.7           | 5.1        | E          | -                 |
| 09   | 24    | 12.3            | 14.6       | 9.6        | 18.3             | 19.5 | 21.1 | 23.1 | 22.5 | 20.2         | 98.5   | 1.0         | 3.3               | 0.3           | 3.7        | E          | -                 |
| 09   | 25    | 12.1            | 19.9       | 7.5        | 17.9             | 18.9 | 20.2 | 22.4 | 22.4 | 20.3         | 90.3   | 10.5        | 12.2              | 0.5           | 4.9        | NNW        | -                 |
| 09   | 26    | 12.9            | 20.9       | 6.9        | 18.1             | 18.8 | 19.9 | 21.9 | 22.3 | 20.3         | 83.5   | 9.5         | 15.0              | 0.5           | 4.6        | E          | -                 |
| 09   | 27    | 12.4            | 13.8       | 11.5       | 16.8             | 17.9 | 19.3 | 21.4 | 22.1 | 20.3         | 99.7   | 23.0        | 3.6               | 0.3           | 3.3        | ESE        | -                 |
| 09   | 28    | 14.9            | 19.1       | 12.0       | 16.4             | 17.2 | 18.4 | 20.8 | 21.9 | 20.4         | 99.1   | 33.0        | 5.5               | 0.2           | 3.6        | WNW        | -                 |
| 09   | 29    | 15.4            | 21.8       | 11.0       | 18.0             | 18.1 | 18.7 | 20.4 | 21.6 | 20.5         | 89.3   | 0.0         | 15.7              | 0.6           | 4.6        | SW         | -                 |
| 09   | 30    | 14.2            | 15.7       | 13.3       | 17.6             | 18.3 | 19.2 | 20.4 | 21.4 | 20.5         | 98.5   | 4.5         | 2.7               | 0.1           | 3.2        | SE         | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 214.5       |                   |               |            |            |                   |
| 平均   | Mean  | 19.9            | 25.7       | 15.8       | 22.7             | 23.0 | 23.5 | 23.9 | 22.7 | 19.8         | 88.0   | 7.2         | 13.4              | 0.5           | 4.2        |            |                   |
| 最大   | Max.  | 25.4            | 33.5       | 20.7       | 27.0             | 26.6 | 26.5 | 25.4 | 23.1 | 20.5         | 100.0  | 48.5        | 22.8              | 0.7           | 6.1        |            |                   |
| 最低   | Min.  | 12.1            | 13.8       | 6.9        | 16.4             | 17.2 | 18.4 | 20.4 | 21.4 | 19.1         | 71.6   | 0.0         | 1.0               | 0.1           | 3.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 10月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 14.5            | 17.6       | 12.4       | 17.3             | 17.9 | 18.9 | 20.3 | 21.2 | 20.5         | 97.9   | 0.0         | 4.5               | 0.2           | 2.8        | WNW        | -                 |
| 10   | 2     | 15.2            | 19.6       | 12.7       | 17.6             | 17.9 | 18.8 | 20.2 | 21.1 | 20.4         | 93.4   | 0.0         | 7.0               | 0.4           | 4.0        | E          | -                 |
| 10   | 3     | 13.9            | 15.5       | 12.4       | 17.3             | 17.9 | 18.8 | 20.1 | 20.9 | 20.3         | 95.3   | 2.0         | 3.4               | 0.3           | 4.2        | E          | -                 |
| 10   | 4     | 15.9            | 20.3       | 12.8       | 17.8             | 18.0 | 18.7 | 20.0 | 20.7 | 20.3         | 96.1   | 0.0         | 9.0               | 0.4           | 5.0        | ESE        | -                 |
| 10   | 5     | 16.2            | 18.3       | 14.5       | 18.3             | 18.6 | 19.2 | 19.9 | 20.6 | 20.2         | 94.3   | 0.0         | 5.6               | 0.5           | 4.0        | E          | -                 |
| 10   | 6     | 15.9            | 23.8       | 12.6       | 18.5             | 18.7 | 19.2 | 19.9 | 20.5 | 20.2         | 87.8   | 0.0         | 11.2              | 0.4           | 4.9        | SW         | -                 |
| 10   | 7     | 15.1            | 21.4       | 11.1       | 18.3             | 18.6 | 19.2 | 19.9 | 20.4 | 20.1         | 87.8   | 0.0         | 10.8              | 0.5           | 4.3        | SSW        | -                 |
| 10   | 8     | 14.6            | 17.6       | 12.3       | 17.7             | 18.3 | 19.1 | 19.9 | 20.3 | 20.0         | 92.3   | 0.0         | 5.2               | 0.3           | 3.7        | ESE        | -                 |
| 10   | 9     | 12.6            | 13.5       | 11.8       | 16.4             | 17.5 | 18.6 | 19.8 | 20.2 | 19.9         | 98.7   | 25.0        | 1.6               | 0.1           | 2.3        | SSE        | -                 |
| 10   | 10    | 17.1            | 24.6       | 12.8       | 17.5             | 17.5 | 18.1 | 19.5 | 20.0 | 19.9         | 93.0   | 4.5         | 13.1              | 0.3           | 3.1        | SW         | -                 |
| 10   | 11    | 17.6            | 25.6       | 11.6       | 18.6             | 18.5 | 18.8 | 19.4 | 19.9 | 19.8         | 81.8   | 0.0         | 17.7              | 0.7           | 4.0        | W          | -                 |
| 10   | 12    | 16.4            | 21.3       | 13.8       | 18.3             | 18.6 | 19.1 | 19.5 | 19.8 | 19.8         | 91.3   | 0.0         | 8.9               | 0.4           | 3.6        | SE         | -                 |
| 10   | 13    | 17.2            | 22.9       | 14.2       | 18.5             | 18.6 | 19.1 | 19.5 | 19.7 | 19.7         | 89.3   | 0.0         | 10.6              | 0.5           | 4.0        | SE         | -                 |
| 10   | 14    | 15.7            | 18.3       | 14.3       | 18.1             | 18.5 | 19.2 | 19.6 | 19.7 | 19.6         | 92.8   | 0.0         | 4.6               | 0.3           | 3.1        | ESE        | -                 |
| 10   | 15    | 16.0            | 20.7       | 14.0       | 18.4             | 18.5 | 19.1 | 19.6 | 19.6 | 19.5         | 91.7   | 0.0         | 10.4              | 0.3           | 5.0        | SE         | -                 |
| 10   | 16    | 15.2            | 21.1       | 11.8       | 18.5             | 18.7 | 19.2 | 19.5 | 19.6 | 19.5         | 82.6   | 0.0         | 14.5              | 0.4           | 5.0        | SSE        | -                 |
| 10   | 17    | 13.7            | 18.9       | 10.7       | 17.3             | 18.0 | 18.9 | 19.5 | 19.5 | 19.4         | 89.4   | 0.0         | 8.7               | 0.4           | 3.8        | NNE        | -                 |
| 10   | 18    | 12.7            | 18.6       | 7.9        | 16.9             | 17.5 | 18.4 | 19.4 | 19.5 | 19.4         | 84.6   | 0.0         | 12.3              | 0.5           | 4.8        | ESE        | -                 |
| 10   | 19    | 11.9            | 13.6       | 10.7       | 16.2             | 17.1 | 18.1 | 19.2 | 19.4 | 19.3         | 92.9   | 0.0         | 3.0               | 0.1           | 2.2        | ESE        | -                 |
| 10   | 20    | 12.5            | 14.7       | 11.0       | 15.8             | 16.5 | 17.6 | 18.9 | 19.4 | 19.2         | 95.4   | 0.0         | 3.2               | 0.1           | 2.7        | SE         | -                 |
| 10   | 21    | 12.7            | 14.9       | 11.5       | 15.6             | 16.3 | 17.4 | 18.7 | 19.3 | 19.2         | 99.2   | 4.5         | 2.6               | 0.2           | 2.5        | NNW        | -                 |
| 10   | 22    | 10.9            | 11.8       | 9.8        | 15.1             | 15.9 | 17.1 | 18.5 | 19.2 | 19.1         | 99.2   | 4.5         | 2.4               | 0.2           | 3.2        | E          | -                 |
| 10   | 23    | 11.7            | 17.1       | 7.8        | 16.0             | 16.2 | 16.9 | 18.3 | 19.1 | 19.1         | 87.5   | 0.0         | 15.4              | 0.5           | 3.7        | SSE        | -                 |
| 10   | 24    | 10.5            | 13.1       | 7.9        | 15.1             | 16.0 | 16.9 | 18.2 | 18.9 | 19.0         | 91.8   | 4.0         | 4.3               | 0.2           | 3.3        | W          | -                 |
| 10   | 25    | 15.2            | 20.8       | 10.2       | 15.9             | 16.0 | 16.7 | 18.0 | 18.8 | 18.9         | 96.1   | 5.0         | 7.7               | 0.2           | 2.8        | SSW        | -                 |
| 10   | 26    | 11.1            | 14.8       | 4.8        | 15.7             | 16.4 | 17.1 | 18.0 | 18.7 | 18.9         | 95.2   | 1.0         | 1.8               | 0.5           | 4.2        | NE         | -                 |
| 10   | 27    | 6.1             | 12.0       | 1.1        | 14.1             | 15.1 | 16.3 | 17.9 | 18.6 | 18.8         | 74.5   | 0.0         | 12.2              | 0.7           | 7.3        | E          | -                 |
| 10   | 28    | 5.3             | 7.1        | 4.0        | 12.3             | 13.8 | 15.4 | 17.5 | 18.5 | 18.8         | 98.7   | 18.5        | 1.5               | 0.1           | 2.2        | SW         | -                 |
| 10   | 29    | 9.7             | 15.8       | 6.9        | 13.1             | 13.5 | 14.6 | 17.0 | 18.4 | 18.8         | 92.0   | 0.5         | 10.4              | 0.4           | 4.3        | ESE        | -                 |
| 10   | 30    | 7.5             | 8.8        | 6.4        | 10.6             | 12.2 | 13.8 | 16.3 | 18.1 | 18.7         | 99.3   | 82.5        | 0.8               | 0.1           | 2.5        | W          | -                 |
| 10   | 31    | 10.8            | 13.1       | 8.6        | 11.0             | 11.5 | 12.5 | 15.3 | 17.7 | 18.7         | 99.7   | 15.0        | 3.1               | 0.3           | 2.9        | E          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 167.0       |                   |               |            |            |                   |
| 平均   | Mean  | 13.3            | 17.3       | 10.5       | 16.4             | 16.9 | 17.8 | 18.9 | 19.6 | 19.5         | 92.3   | 5.4         | 7.3               | 0.3           | 3.7        |            |                   |
| 最大   | Max.  | 17.6            | 25.6       | 14.5       | 18.6             | 18.7 | 19.2 | 20.3 | 21.2 | 20.5         | 99.7   | 82.5        | 17.7              | 0.7           | 7.3        |            |                   |
| 最低   | Min.  | 5.3             | 7.1        | 1.1        | 10.6             | 11.5 | 12.5 | 15.3 | 17.7 | 18.7         | 74.5   | 0.0         | 0.8               | 0.1           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 11月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 11.8            | 18.7       | 7.2        | 12.2             | 12.3 | 12.9 | 14.6 | 17.2 | 18.6         | 94.3   | 44.0        | 10.7              | 0.5           | 3.9        | W          | -                 |
| 11   | 2     | 8.3             | 14.0       | 3.8        | 11.5             | 12.3 | 13.2 | 14.6 | 16.8 | 18.5         | 78.0   | 0.0         | 9.4               | 0.5           | 4.4        | NW         | -                 |
| 11   | 3     | 7.0             | 14.9       | 1.9        | 11.3             | 11.9 | 12.9 | 14.6 | 16.7 | 18.4         | 79.0   | 0.0         | 13.8              | 0.7           | 4.4        | SE         | -                 |
| 11   | 4     | 6.3             | 14.1       | 0.8        | 11.0             | 11.6 | 12.6 | 14.5 | 16.5 | 18.3         | 81.9   | 0.0         | 15.1              | 0.6           | 4.9        | SSW        | -                 |
| 11   | 5     | 8.4             | 18.2       | 2.9        | 11.2             | 11.7 | 12.5 | 14.3 | 16.4 | 18.2         | 75.2   | 0.0         | 13.8              | 0.6           | 4.3        | WSW        | -                 |
| 11   | 6     | 8.5             | 16.7       | 3.3        | 11.4             | 11.9 | 12.7 | 14.2 | 16.2 | 18.2         | 79.2   | 0.0         | 14.2              | 0.7           | 4.0        | WSW        | -                 |
| 11   | 7     | 8.4             | 17.6       | 3.8        | 11.0             | 11.6 | 12.6 | 14.1 | 16.1 | 18.1         | 74.4   | 0.0         | 10.5              | 0.5           | 3.1        | W          | -                 |
| 11   | 8     | 9.2             | 16.6       | 3.9        | 11.2             | 11.6 | 12.5 | 14.0 | 16.0 | 18.0         | 77.5   | 0.0         | 11.5              | 0.6           | 6.4        | WNW        | -                 |
| 11   | 9     | 9.7             | 18.1       | 3.5        | 11.2             | 11.7 | 12.5 | 14.0 | 15.8 | 17.9         | 57.4   | 0.0         | 12.6              | 1.5           | 12.1       | WNW        | -                 |
| 11   | 10    | 7.2             | 16.9       | 1.8        | 10.5             | 11.2 | 12.2 | 13.9 | 15.7 | 17.8         | 57.9   | 0.0         | 14.7              | 1.2           | 8.3        | W          | -                 |
| 11   | 11    | 6.3             | 15.0       | 0.4        | 10.1             | 10.8 | 11.8 | 13.7 | 15.6 | 17.7         | 64.8   | 0.0         | 14.0              | 0.8           | 4.1        | W          | -                 |
| 11   | 12    | 8.0             | 18.5       | 1.6        | 10.1             | 10.7 | 11.6 | 13.5 | 15.5 | 17.6         | 71.6   | 0.0         | 12.3              | 0.6           | 4.3        | WNW        | -                 |
| 11   | 13    | 8.5             | 14.4       | 4.9        | 9.9              | 10.6 | 11.6 | 13.3 | 15.4 | 17.5         | 71.5   | 0.0         | 7.4               | 0.3           | 3.0        | WNW        | -                 |
| 11   | 14    | 9.0             | 14.7       | 6.0        | 10.2             | 10.7 | 11.6 | 13.2 | 15.2 | 17.4         | 78.9   | 0.0         | 5.0               | 0.3           | 3.1        | NW         | -                 |
| 11   | 15    | 6.4             | 12.1       | 0.1        | 9.3              | 10.2 | 11.3 | 13.1 | 15.1 | 17.3         | 85.6   | 7.0         | 5.5               | 0.7           | 5.1        | NE         | -                 |
| 11   | 16    | 3.1             | 10.1       | -1.3       | 8.9              | 9.7  | 10.8 | 13.0 | 15.0 | 17.2         | 84.6   | 0.5         | 12.2              | 0.6           | 4.0        | S          | -                 |
| 11   | 17    | 3.2             | 9.4        | 0.2        | 8.6              | 9.5  | 10.6 | 12.7 | 14.9 | 17.1         | 89.9   | 0.0         | 6.6               | 0.3           | 5.6        | SSE        | -                 |
| 11   | 18    | 2.7             | 7.7        | -0.7       | 7.7              | 8.8  | 10.2 | 12.5 | 14.7 | 17.0         | 92.1   | 0.0         | 4.2               | 0.4           | 3.5        | NW         | -                 |
| 11   | 19    | 4.5             | 13.2       | -0.9       | 7.9              | 8.5  | 9.7  | 12.2 | 14.6 | 16.9         | 79.4   | 0.0         | 12.9              | 0.7           | 3.5        | W          | -                 |
| 11   | 20    | 6.1             | 14.5       | 0.1        | 8.6              | 9.0  | 9.9  | 12.0 | 14.5 | 16.8         | 81.0   | 0.0         | 12.4              | 0.6           | 4.3        | WSW        | -                 |
| 11   | 21    | 7.2             | 15.6       | 1.9        | 9.0              | 9.4  | 10.1 | 11.9 | 14.3 | 16.8         | 83.9   | 0.0         | 12.3              | 0.7           | 4.4        | SW         | -                 |
| 11   | 22    | 6.7             | 9.4        | 2.6        | 8.4              | 9.2  | 10.1 | 11.8 | 14.2 | 16.6         | 95.6   | 14.0        | 2.2               | 0.2           | 3.4        | WNW        | -                 |
| 11   | 23    | 8.1             | 13.9       | 2.6        | 9.2              | 9.5  | 10.2 | 11.7 | 14.0 | 16.5         | 91.3   | 15.0        | 5.7               | 0.4           | 5.9        | WNW        | -                 |
| 11   | 24    | 5.7             | 12.7       | 1.3        | 9.2              | 9.5  | 10.2 | 11.7 | 13.9 | 16.5         | 86.8   | 0.0         | 11.6              | 0.5           | 4.3        | S          | -                 |
| 11   | 25    | 5.0             | 11.6       | -0.2       | 8.9              | 9.5  | 10.3 | 11.7 | 13.7 | 16.4         | 89.7   | 0.0         | 8.4               | 0.4           | 3.8        | SSW        | -                 |
| 11   | 26    | 7.6             | 14.4       | 2.7        | 9.2              | 9.5  | 10.2 | 11.6 | 13.6 | 16.3         | 84.0   | 0.0         | 8.0               | 0.4           | 4.0        | ESE        | -                 |
| 11   | 27    | 6.8             | 12.4       | 2.5        | 10.1             | 10.1 | 10.6 | 11.6 | 13.5 | 16.2         | 87.2   | 0.0         | 11.2              | 0.6           | 5.4        | ESE        | -                 |
| 11   | 28    | 6.7             | 16.6       | 1.3        | 9.4              | 9.9  | 10.6 | 11.7 | 13.4 | 16.1         | 71.1   | 0.0         | 10.5              | 0.7           | 6.6        | NNW        | -                 |
| 11   | 29    | 4.7             | 14.4       | -1.1       | 8.3              | 9.1  | 10.1 | 11.6 | 13.3 | 16.0         | 63.4   | 0.0         | 11.2              | 1.0           | 7.3        | WNW        | -                 |
| 11   | 30    | 4.5             | 12.3       | -0.4       | 7.8              | 8.5  | 9.6  | 11.4 | 13.3 | 15.9         | 67.6   | 0.0         | 11.3              | 0.7           | 4.5        | W          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 80.5        |                   |               |            |            |                   |
| 平均   | Mean  | 6.9             | 14.3       | 1.9        | 9.8              | 10.3 | 11.3 | 13.0 | 15.0 | 17.3         | 79.2   | 2.7         | 10.4              | 0.6           | 4.9        |            |                   |
| 最大   | Max.  | 11.8            | 18.7       | 7.2        | 12.2             | 12.3 | 13.2 | 14.6 | 17.2 | 18.6         | 95.6   | 44.0        | 15.1              | 1.5           | 12.1       |            |                   |
| 最低   | Min.  | 2.7             | 7.7        | -1.3       | 7.7              | 8.5  | 9.6  | 11.4 | 13.3 | 15.9         | 57.4   | 0.0         | 2.2               | 0.2           | 3.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2010年 12月

## 気象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 6.9             | 17.2       | 2.5        | 8.2              | 8.7 | 9.5 | 11.2 | 13.2 | 15.8         | 67.0   | 0.0         | 10.3              | 0.6           | 4.0        | W          | -                 |
| 12   | 2     | 7.3             | 14.9       | 1.0        | 8.2              | 8.5 | 9.4 | 11.1 | 13.1 | 15.8         | 78.3   | 1.0         | 9.9               | 0.4           | 3.4        | SSW        | -                 |
| 12   | 3     | 9.6             | 18.5       | 3.5        | 9.1              | 9.3 | 9.8 | 10.9 | 12.9 | 15.6         | 80.2   | 34.5        | 5.9               | 1.6           | 12.1       | NW         | -                 |
| 12   | 4     | 5.5             | 14.2       | 0.5        | 8.3              | 8.9 | 9.7 | 10.9 | 12.8 | 15.6         | 63.0   | 0.0         | 11.7              | 0.8           | 6.3        | SSW        | -                 |
| 12   | 5     | 5.7             | 15.2       | -0.1       | 7.8              | 8.4 | 9.2 | 10.8 | 12.7 | 15.5         | 70.4   | 0.0         | 11.5              | 0.6           | 3.4        | WSW        | -                 |
| 12   | 6     | 6.8             | 16.1       | 2.0        | 8.0              | 8.4 | 9.1 | 10.7 | 12.6 | 15.4         | 73.8   | 0.0         | 11.0              | 0.5           | 3.2        | WSW        | -                 |
| 12   | 7     | 5.7             | 12.1       | 2.0        | 7.4              | 8.1 | 9.0 | 10.6 | 12.5 | 15.3         | 80.9   | 4.5         | 4.6               | 0.5           | 4.0        | NW         | -                 |
| 12   | 8     | 2.8             | 9.8        | -1.0       | 7.7              | 8.1 | 8.9 | 10.5 | 12.4 | 15.2         | 86.3   | 1.5         | 11.3              | 0.6           | 4.6        | SSW        | -                 |
| 12   | 9     | 2.7             | 9.8        | -1.2       | 7.1              | 7.8 | 8.7 | 10.4 | 12.3 | 15.1         | 74.6   | 0.0         | 9.0               | 0.9           | 8.2        | W          | -                 |
| 12   | 10    | 3.4             | 11.0       | -1.0       | 6.6              | 7.3 | 8.3 | 10.2 | 12.2 | 15.0         | 71.2   | 0.0         | 11.1              | 0.8           | 5.1        | WNW        | -                 |
| 12   | 11    | 4.7             | 13.5       | -1.9       | 6.5              | 7.1 | 8.1 | 10.0 | 12.1 | 15.0         | 77.6   | 0.0         | 8.8               | 0.7           | 7.7        | NNW        | -                 |
| 12   | 12    | 5.4             | 12.5       | 0.5        | 6.9              | 7.3 | 8.1 | 9.8  | 12.0 | 14.9         | 72.3   | 0.0         | 10.6              | 0.6           | 4.6        | S          | -                 |
| 12   | 13    | 2.9             | 4.2        | 1.4        | 6.4              | 7.2 | 8.2 | 9.7  | 11.9 | 14.8         | 93.2   | 12.5        | 1.5               | 0.3           | 5.1        | E          | -                 |
| 12   | 14    | 6.6             | 14.8       | 2.8        | 7.0              | 7.2 | 7.9 | 9.6  | 11.8 | 14.7         | 95.6   | 7.0         | 7.2               | 0.5           | 5.6        | E          | -                 |
| 12   | 15    | 5.3             | 12.5       | -0.5       | 7.0              | 7.4 | 8.2 | 9.5  | 11.7 | 14.6         | 63.6   | 0.0         | 9.5               | 1.3           | 8.0        | ENE        | -                 |
| 12   | 16    | -0.3            | 2.7        | -2.7       | 5.8              | 6.8 | 7.9 | 9.5  | 11.5 | 14.6         | 86.1   | 0.0         | 3.3               | 0.2           | 3.4        | SE         | -                 |
| 12   | 17    | 0.4             | 8.2        | -3.4       | 5.0              | 5.9 | 7.1 | 9.3  | 11.5 | 14.5         | 69.6   | 0.0         | 11.0              | 0.7           | 4.7        | W          | -                 |
| 12   | 18    | 1.8             | 11.7       | -3.3       | 4.9              | 5.6 | 6.7 | 9.0  | 11.4 | 14.4         | 71.4   | 0.0         | 10.8              | 0.6           | 5.8        | SE         | -                 |
| 12   | 19    | 0.3             | 7.8        | -3.4       | 4.5              | 5.4 | 6.5 | 8.8  | 11.3 | 14.3         | 80.9   | 0.0         | 10.2              | 0.5           | 4.9        | SSE        | -                 |
| 12   | 20    | 4.0             | 14.9       | -2.5       | 5.0              | 5.4 | 6.4 | 8.5  | 11.1 | 14.3         | 69.6   | 0.0         | 9.5               | 0.6           | 4.8        | WNW        | -                 |
| 12   | 21    | 3.7             | 9.3        | -0.4       | 4.8              | 5.4 | 6.4 | 8.4  | 11.0 | 14.2         | 77.9   | 10.5        | 7.0               | 0.7           | 4.6        | SSW        | -                 |
| 12   | 22    | 6.7             | 14.7       | 2.5        | 6.2              | 6.1 | 6.6 | 8.2  | 10.8 | 14.1         | 83.6   | 16.5        | 10.0              | 1.0           | 8.0        | WNW        | -                 |
| 12   | 23    | 7.2             | 13.7       | 2.2        | 6.3              | 6.5 | 7.1 | 8.2  | 10.6 | 14.0         | 46.7   | 0.0         | 10.7              | 2.0           | 10.2       | W          | -                 |
| 12   | 24    | 3.4             | 10.1       | -3.8       | 5.5              | 6.2 | 7.0 | 8.3  | 10.5 | 13.9         | 51.5   | 0.0         | 10.7              | 1.8           | 12.5       | W          | -                 |
| 12   | 25    | -0.1            | 5.5        | -4.0       | 4.4              | 5.3 | 6.4 | 8.2  | 10.4 | 13.8         | 48.2   | 0.0         | 11.2              | 2.0           | 12.4       | W          | -                 |
| 12   | 26    | 2.0             | 9.0        | -2.9       | 4.0              | 4.8 | 5.9 | 8.0  | 10.3 | 13.8         | 33.8   | 0.0         | 10.3              | 1.7           | 8.3        | WNW        | -                 |
| 12   | 27    | 1.5             | 8.8        | -2.6       | 3.8              | 4.5 | 5.6 | 7.8  | 10.3 | 13.7         | 37.2   | 0.0         | 10.9              | 1.3           | 11.4       | W          | -                 |
| 12   | 28    | 1.3             | 9.3        | -3.9       | 3.6              | 4.3 | 5.3 | 7.6  | 10.2 | 13.6         | 61.6   | 1.5         | 10.6              | 0.8           | 4.4        | SW         | -                 |
| 12   | 29    | 1.1             | 7.2        | -3.2       | 4.4              | 4.8 | 5.6 | 7.4  | 10.0 | 13.5         | 75.6   | 0.0         | 8.2               | 1.0           | 7.8        | W          | -                 |
| 12   | 30    | -2.0            | 3.6        | -4.7       | 2.8              | 3.8 | 5.1 | 7.3  | 9.9  | 13.4         | 84.8   | 0.5         | 5.2               | 0.6           | 4.9        | SE         | 1                 |
| 12   | 31    | -0.8            | 6.7        | -6.4       | 3.4              | 4.0 | 4.9 | 7.1  | 9.8  | 13.4         | 56.2   | 0.0         | 9.9               | 1.4           | 10.5       | W          | -                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 90.0        |                   |               |            |            |                   |
| 平均   | Mean  | 3.6             | 10.9       | -1.0       | 6.0              | 6.6 | 7.5 | 9.3  | 11.5 | 14.6         | 70.4   | 2.9         | 9.1               | 0.9           | 6.6        |            | 1.0               |
| 最大   | Max.  | 9.6             | 18.5       | 3.5        | 9.1              | 9.3 | 9.8 | 11.2 | 13.2 | 15.8         | 95.6   | 34.5        | 11.7              | 2.0           | 12.5       |            | 1.0               |
| 最低   | Min.  | -2.0            | 2.7        | -6.4       | 2.8              | 3.8 | 4.9 | 7.1  | 9.8  | 13.4         | 33.8   | 0.0         | 1.5               | 0.2           | 3.2        |            | 1.0               |

代替機器観測日 (The date of observation by alternative hardwares)



2011年 01月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 0.3             | 7.0        | -3.5       | 2.4              | 3.4 | 4.6 | 6.9 | 9.7 | 13.3         | 50.4   | 0.0         | 5.3               | 0.5           | 3.7        | N          | -                 |
| 01   | 2     | 1.1             | 8.1        | -3.3       | 2.9              | 3.5 | 4.4 | 6.7 | 9.6 | 13.2         | 61.4   | 0.0         | 10.1              | 0.8           | 6.0        | WNW        | -                 |
| 01   | 3     | -0.9            | 6.1        | -4.8       | 2.2              | 3.1 | 4.3 | 6.6 | 9.5 | 13.2         | 68.3   | 0.0         | 7.1               | 0.6           | 3.9        | WSW        | -                 |
| 01   | 4     | 0.3             | 8.8        | -3.8       | 2.8              | 3.3 | 4.2 | 6.4 | 9.3 | 13.1         | 62.7   | 0.0         | 10.4              | 0.7           | 6.5        | WSW        | -                 |
| 01   | 5     | 0.6             | 10.3       | -5.1       | 2.5              | 3.2 | 4.1 | 6.3 | 9.2 | 13.0         | 52.2   | 0.0         | 10.5              | 0.9           | 6.1        | W          | -                 |
| 01   | 6     | 1.0             | 7.3        | -4.2       | 3.2              | 3.5 | 4.3 | 6.2 | 9.1 | 12.9         | 56.2   | 0.0         | 10.4              | 1.2           | 7.3        | WNW        | -                 |
| 01   | 7     | -2.8            | 4.4        | -7.3       | 2.3              | 3.1 | 4.1 | 6.1 | 9.0 | 12.9         | 46.4   | 0.0         | 11.7              | 1.0           | 7.8        | W          | -                 |
| 01   | 8     | -1.5            | 8.6        | -7.8       | 1.8              | 2.6 | 3.7 | 6.0 | 8.9 | 12.8         | 45.2   | 0.0         | 11.8              | 0.8           | 3.6        | W          | -                 |
| 01   | 9     | 2.3             | 11.7       | -4.3       | 2.3              | 2.7 | 3.5 | 5.8 | 8.8 | 12.7         | 44.8   | 0.0         | 11.2              | 1.4           | 9.2        | N          | -                 |
| 01   | 10    | -2.8            | 4.2        | -8.0       | 2.4              | 3.0 | 3.8 | 5.7 | 8.6 | 12.6         | 47.7   | 0.0         | 12.0              | 1.6           | 8.3        | WSW        | -                 |
| 01   | 11    | -2.2            | 5.7        | -8.3       | 1.8              | 2.5 | 3.4 | 5.6 | 8.5 | 12.6         | 52.6   | 0.0         | 10.4              | 0.8           | 4.6        | SSW        | -                 |
| 01   | 12    | -1.4            | 6.0        | -7.2       | 1.9              | 2.6 | 3.4 | 5.5 | 8.4 | 12.5         | 65.8   | 0.0         | 7.6               | 1.0           | 7.7        | W          | 0.5               |
| 01   | 13    | -2.8            | 5.8        | -7.8       | 1.6              | 2.3 | 3.2 | 5.4 | 8.3 | 12.4         | 59.0   | 0.0         | 11.3              | 0.8           | 5.4        | SSW        | -                 |
| 01   | 14    | -2.5            | 6.1        | -7.9       | 1.4              | 2.1 | 3.0 | 5.3 | 8.2 | 12.3         | 63.0   | 0.0         | 11.9              | 0.8           | 5.5        | SW         | -                 |
| 01   | 15    | -0.9            | 4.8        | -5.1       | 1.0              | 1.8 | 2.8 | 5.1 | 8.1 | 12.2         | 56.3   | 0.0         | 6.1               | 0.8           | 9.4        | SSW        | -                 |
| 01   | 16    | -3.6            | -0.1       | -5.9       | 0.9              | 1.7 | 2.7 | 5.0 | 8.0 | 12.2         | 37.9   | 0.0         | 9.3               | 2.5           | 11.8       | W          | -                 |
| 01   | 17    | -0.8            | 6.0        | -5.5       | 0.9              | 1.5 | 2.6 | 4.9 | 7.9 | 12.1         | 40.4   | 0.0         | 10.7              | 1.9           | 10.8       | WNW        | -                 |
| 01   | 18    | -0.8            | 8.4        | -6.3       | 1.1              | 1.6 | 2.5 | 4.7 | 7.8 | 12.0         | 51.9   | 0.0         | 12.4              | 0.8           | 4.4        | WSW        | -                 |
| 01   | 19    | 0.0             | 9.4        | -5.2       | 1.6              | 1.9 | 2.6 | 4.6 | 7.7 | 11.9         | 54.6   | 0.0         | 12.5              | 0.8           | 4.6        | WSW        | -                 |
| 01   | 20    | -0.7            | 9.2        | -5.9       | 1.6              | 2.0 | 2.7 | 4.6 | 7.6 | 11.8         | 52.3   | 0.0         | 12.7              | 1.0           | 8.3        | W          | -                 |
| 01   | 21    | -2.2            | 7.4        | -8.0       | 1.4              | 1.9 | 2.7 | 4.6 | 7.5 | 11.8         | 56.6   | 0.0         | 12.7              | 0.8           | 5.0        | WSW        | -                 |
| 01   | 22    | -0.5            | 9.1        | -6.4       | 1.6              | 2.0 | 2.6 | 4.5 | 7.4 | 11.7         | 56.4   | 0.0         | 12.6              | 0.8           | 4.9        | W          | -                 |
| 01   | 23    | -0.4            | 7.3        | -5.6       | 1.5              | 2.0 | 2.7 | 4.5 | 7.3 | 11.6         | 55.7   | 0.5         | 10.0              | 0.8           | 4.0        | SW         | -                 |
| 01   | 24    | -1.5            | 3.3        | -4.4       | 2.1              | 2.4 | 2.9 | 4.4 | 7.2 | 11.5         | 90.3   | 0.5         | 7.1               | 0.4           | 5.6        | S          | 5                 |
| 01   | 25    | -1.3            | 7.9        | -6.2       | 2.0              | 2.3 | 2.9 | 4.5 | 7.1 | 11.4         | 62.7   | 0.0         | 13.3              | 1.0           | 8.8        | W          | -                 |
| 01   | 26    | -1.8            | 7.7        | -6.7       | 1.6              | 2.1 | 2.8 | 4.5 | 7.1 | 11.4         | 58.8   | 0.0         | 11.3              | 1.0           | 6.4        | W          | -                 |
| 01   | 27    | -0.9            | 8.0        | -6.0       | 2.1              | 2.3 | 2.8 | 4.4 | 7.0 | 11.3         | 47.8   | 0.0         | 13.3              | 0.9           | 7.3        | WNW        | 1                 |
| 01   | 28    | -2.7            | 5.8        | -7.9       | 1.6              | 2.1 | 2.8 | 4.4 | 6.9 | 11.2         | 52.2   | 0.0         | 13.1              | 0.7           | 4.9        | SSW        | -                 |
| 01   | 29    | -3.1            | 3.8        | -7.8       | 1.2              | 1.9 | 2.6 | 4.3 | 6.9 | 11.1         | 61.0   | 0.0         | 9.9               | 0.6           | 4.9        | S          | -                 |
| 01   | 30    | -3.6            | 2.0        | -8.6       | 0.5              | 1.4 | 2.3 | 4.3 | 6.8 | 11.1         | 46.3   | 0.0         | 9.4               | 1.2           | 8.2        | W          | -                 |
| 01   | 31    | -4.1            | 5.0        | -9.9       | 0.5              | 1.2 | 2.0 | 4.1 | 6.8 | 11.0         | 46.8   | 0.0         | 14.7              | 1.3           | 10.9       | W          | -                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 1.0         |                   |               |            |            |                   |
| 平均   | Mean  | -1.3            | 6.6        | -6.3       | 1.8              | 2.4 | 3.2 | 5.2 | 8.1 | 12.1         | 55.0   | 0.0         | 10.7              | 1.0           | 6.6        |            | 2.2               |
| 最大   | Max.  | 2.3             | 11.7       | -3.3       | 3.2              | 3.5 | 4.6 | 6.9 | 9.7 | 13.3         | 90.3   | 0.5         | 14.7              | 2.5           | 11.8       |            | 5.0               |
| 最低   | Min.  | -4.1            | -0.1       | -9.9       | 0.5              | 1.2 | 2.0 | 4.1 | 6.8 | 11.0         | 37.9   | 0.0         | 5.3               | 0.4           | 3.6        |            | 0.5               |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 02月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | -0.1            | 11.5       | -7.5       | 1.1              | 1.4 | 2.1 | 4.0 | 6.7 | 10.9         | 46.4   | 0.0         | 14.4              | 0.8           | 4.3        | WSW        | -                 |
| 02   | 2     | -0.4            | 10.0       | -5.5       | 1.2              | 1.6 | 2.2 | 3.9 | 6.6 | 10.9         | 48.6   | 0.0         | 11.7              | 0.7           | 4.7        | SSW        | -                 |
| 02   | 3     | 1.4             | 11.3       | -4.7       | 1.9              | 1.9 | 2.4 | 3.9 | 6.6 | 10.8         | 55.3   | 0.0         | 14.6              | 0.8           | 3.7        | WSW        | -                 |
| 02   | 4     | 2.4             | 11.7       | -2.7       | 2.6              | 2.5 | 2.8 | 3.9 | 6.5 | 10.7         | 56.3   | 0.0         | 14.2              | 0.9           | 5.8        | W          | -                 |
| 02   | 5     | 2.3             | 11.8       | -3.3       | 2.6              | 2.7 | 3.0 | 4.0 | 6.4 | 10.6         | 57.6   | 0.0         | 11.7              | 0.7           | 3.9        | SW         | -                 |
| 02   | 6     | 1.5             | 8.0        | -3.1       | 2.8              | 2.8 | 3.1 | 4.1 | 6.4 | 10.6         | 76.4   | 0.5         | 12.5              | 0.8           | 5.7        | S          | -                 |
| 02   | 7     | 2.4             | 11.5       | -3.3       | 3.9              | 3.7 | 3.7 | 4.2 | 6.3 | 10.5         | 74.7   | 0.0         | 13.8              | 0.7           | 6.3        | SSW        | 1                 |
| 02   | 8     | 0.4             | 8.1        | -4.3       | 3.5              | 3.6 | 3.8 | 4.4 | 6.3 | 10.4         | 65.3   | 0.0         | 13.2              | 0.6           | 5.5        | SSE        | -                 |
| 02   | 9     | 1.2             | 10.4       | -2.8       | 3.6              | 3.7 | 4.0 | 4.6 | 6.3 | 10.3         | 72.0   | 1.5         | 10.1              | 0.8           | 10.5       | WSW        | 4                 |
| 02   | 10    | 0.2             | 8.3        | -4.9       | 3.5              | 3.6 | 3.9 | 4.7 | 6.3 | 10.3         | 60.4   | 0.0         | 13.9              | 0.9           | 5.1        | SSW        | -                 |
| 02   | 11    | -2.6            | -1.0       | -3.7       | 2.7              | 3.3 | 3.9 | 4.7 | 6.3 | 10.2         | 97.2   | 10.0        | 0.7               | 0.1           | 2.1        | ESE        | -                 |
| 02   | 12    | -2.7            | 0.7        | -4.8       | 2.2              | 2.8 | 3.6 | 4.8 | 6.4 | 10.2         | 94.9   | 2.0         | 0.9               | 0.3           | 4.9        | E          | -                 |
| 02   | 13    | -2.0            | 5.1        | -7.2       | 2.0              | 2.6 | 3.4 | 4.7 | 6.4 | 10.1         | 77.6   | 0.0         | 10.6              | 0.7           | 4.6        | SE         | -                 |
| 02   | 14    | -2.1            | 4.7        | -6.6       | 1.4              | 2.1 | 3.1 | 4.6 | 6.4 | 10.0         | 85.1   | 7.5         | 10.2              | 0.5           | 5.5        | SE         | 7(注)              |
| 02   | 15    | -0.1            | 6.8        | -5.9       | 1.6              | 2.1 | 3.0 | 4.5 | 6.4 | 10.0         | 80.9   | 9.5         | 12.0              | 0.6           | 8.2        | W          | 27                |
| 02   | 16    | 0.3             | 11.9       | -7.1       | 1.2              | 1.9 | 2.8 | 4.4 | 6.3 | 9.9          | 69.3   | 0.0         | 17.3              | 0.6           | 3.2        | SW         | -                 |
| 02   | 17    | 3.0             | 11.4       | -2.1       | 1.8              | 2.0 | 2.7 | 4.3 | 6.3 | 9.9          | 78.9   | 0.5         | 9.2               | 1.1           | 9.1        | N          | -                 |
| 02   | 18    | 3.4             | 9.4        | -3.0       | 4.1              | 3.5 | 3.3 | 4.1 | 6.1 | 9.8          | 78.1   | 24.5        | 16.4              | 1.5           | 10.6       | WNW        | -                 |
| 02   | 19    | 1.0             | 9.7        | -5.3       | 3.9              | 3.8 | 3.9 | 4.3 | 6.0 | 9.8          | 68.8   | 0.0         | 17.1              | 0.6           | 4.3        | S          | -                 |
| 02   | 20    | 1.9             | 8.7        | -3.0       | 3.6              | 3.8 | 4.0 | 4.4 | 6.0 | 9.7          | 74.6   | 0.0         | 9.7               | 0.3           | 4.2        | S          | -                 |
| 02   | 21    | 2.6             | 10.3       | -2.3       | 4.7              | 4.4 | 4.3 | 4.6 | 6.0 | 9.6          | 71.7   | 0.0         | 14.3              | 0.6           | 5.1        | SE         | -                 |
| 02   | 22    | 2.7             | 13.0       | -3.2       | 4.7              | 4.5 | 4.6 | 4.8 | 6.0 | 9.6          | 48.8   | 0.0         | 18.2              | 0.7           | 4.5        | SSW        | -                 |
| 02   | 23    | 2.4             | 11.8       | -4.5       | 4.8              | 4.7 | 4.7 | 4.9 | 6.0 | 9.5          | 66.8   | 0.0         | 17.4              | 0.6           | 4.8        | S          | -                 |
| 02   | 24    | 4.9             | 12.3       | -0.9       | 4.7              | 4.8 | 5.0 | 5.1 | 6.0 | 9.4          | 80.3   | 0.0         | 8.9               | 0.9           | 8.7        | NW         | -                 |
| 02   | 25    | 9.0             | 19.0       | 0.8        | 6.1              | 5.5 | 5.3 | 5.2 | 6.1 | 9.4          | 57.9   | 0.0         | 15.7              | 1.8           | 10.6       | WNW        | -                 |
| 02   | 26    | 3.7             | 13.1       | -2.3       | 6.2              | 5.9 | 5.9 | 5.5 | 6.1 | 9.3          | 39.9   | 0.0         | 18.5              | 1.2           | 7.7        | SE         | -                 |
| 02   | 27    | 5.4             | 16.7       | -2.8       | 6.0              | 5.8 | 5.8 | 5.7 | 6.2 | 9.3          | 55.6   | 0.0         | 14.6              | 0.6           | 5.1        | SSW        | -                 |
| 02   | 28    | 1.1             | 4.8        | -1.1       | 4.9              | 5.5 | 5.9 | 5.8 | 6.3 | 9.2          | 97.1   | 10.5        | 1.2               | 0.3           | 3.9        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 66.5        |                   |               |            |            |                   |
| 平均   | Mean  | 1.6             | 9.7        | -3.8       | 3.3              | 3.4 | 3.8 | 4.6 | 6.3 | 10.0         | 69.2   | 2.4         | 12.2              | 0.7           | 5.8        |            | 9.8               |
| 最大   | Max.  | 9.0             | 19.0       | 0.8        | 6.2              | 5.9 | 5.9 | 5.8 | 6.7 | 10.9         | 97.2   | 24.5        | 18.5              | 1.8           | 10.6       |            | 27.0              |
| 最低   | Min.  | -2.7            | -1.0       | -7.5       | 1.1              | 1.4 | 2.1 | 3.9 | 6.0 | 9.2          | 39.9   | 0.0         | 0.7               | 0.1           | 2.1        |            | 1.0               |

代替機器観測日 (The date of observation by alternative hardwares)

(注) 14日の降雪深は11、12日の降雪によるもの

2011年 03月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 0.5             | 2.8        | -1.3       | 4.0              | 4.5 | 5.2 | 5.9 | 6.3 | 9.2          | 98.7   | 1.0         | 4.1               | 0.2           | 2.8        | SE         | 5                 |
| 03   | 2     | 2.0             | 9.5        | -3.7       | 5.3              | 5.0 | 5.3 | 5.8 | 6.4 | 9.2          | 78.0   | 0.0         | 14.3              | 1.0           | 8.0        | WSW        | -                 |
| 03   | 3     | -1.2            | 6.0        | -5.8       | 4.9              | 5.1 | 5.4 | 5.8 | 6.5 | 9.2          | 49.0   | 0.0         | 17.0              | 1.6           | 8.5        | WSW        | -                 |
| 03   | 4     | -2.4            | 5.5        | -7.9       | 4.0              | 4.5 | 5.0 | 5.8 | 6.5 | 9.2          | 51.8   | 0.0         | 16.3              | 1.2           | 8.8        | W          | -                 |
| 03   | 5     | 0.6             | 11.6       | -7.5       | 4.4              | 4.4 | 4.8 | 5.7 | 6.5 | 9.1          | 50.8   | 0.0         | 20.1              | 0.9           | 5.6        | SSW        | -                 |
| 03   | 6     | 3.7             | 15.0       | -3.2       | 5.0              | 4.9 | 5.1 | 5.6 | 6.5 | 9.1          | 54.0   | 0.0         | 15.7              | 0.8           | 5.5        | N          | -                 |
| 03   | 7     | 0.6             | 2.6        | -1.7       | 3.9              | 4.6 | 5.2 | 5.7 | 6.6 | 9.1          | 93.3   | 13.5        | 0.8               | 0.1           | 2.8        | SW         | -                 |
| 03   | 8     | 0.5             | 7.1        | -3.7       | 4.0              | 4.2 | 4.7 | 5.7 | 6.5 | 9.1          | 89.7   | 0.0         | 16.3              | 0.4           | 5.5        | SSE        | 10                |
| 03   | 9     | 0.4             | 10.5       | -4.8       | 3.9              | 4.2 | 4.6 | 5.5 | 6.5 | 9.1          | 67.9   | 0.0         | 13.4              | 1.1           | 6.9        | W          | -                 |
| 03   | 10    | -0.3            | 8.4        | -6.4       | 4.8              | 4.7 | 4.8 | 5.5 | 6.5 | 9.0          | 52.2   | 0.0         | 21.2              | 1.1           | 5.4        | S          | 0.5               |
| 03   | 11    | -0.7            | 7.5        | -5.8       | 4.0              | 4.5 | 4.9 | 5.5 | 6.5 | 9.0          | 57.4   | 0.0         | 13.2              | 1.1           | 9.3        | WSW        | -                 |
| 03   | 12    | 1.7             | 11.6       | -6.4       | 4.7              | 4.5 | 4.7 | 5.5 | 6.5 | 9.0          | 56.9   | 0.0         | 20.3              | 0.8           | 4.4        | SSW        | -                 |
| 03   | 13    | 6.2             | 17.3       | -1.9       | 6.3              | 5.6 | 5.4 | 5.5 | 6.5 | 9.0          | 51.8   | 0.0         | 21.2              | 0.8           | 4.4        | WSW        | -                 |
| 03   | 14    | 8.2             | 18.1       | 1.4        | 6.6              | 6.3 | 6.1 | 5.8 | 6.5 | 9.0          | 48.7   | 0.0         | 14.9              | 0.7           | 5.4        | NW         | -                 |
| 03   | 15    | 6.4             | 14.2       | 2.2        | 6.8              | 6.5 | 6.5 | 6.0 | 6.5 | 8.9          | 77.0   | 0.0         | 11.9              | 0.9           | 4.3        | SE         | -                 |
| 03   | 16    | 1.1             | 6.7        | -4.6       | 6.7              | 6.8 | 6.8 | 6.3 | 6.5 | 8.9          | 67.0   | 2.0         | 13.9              | 1.9           | 13.3       | WSW        | -                 |
| 03   | 17    | -3.1            | 1.2        | -6.9       | 4.6              | 5.4 | 6.0 | 6.4 | 6.6 | 8.9          | 59.0   | 0.0         | 12.5              | 1.4           | 9.4        | W          | -                 |
| 03   | 18    | 1.3             | 11.5       | -6.5       | 5.4              | 5.3 | 5.5 | 6.3 | 6.7 | 8.9          | 44.6   | 0.0         | 22.4              | 0.9           | 6.1        | S          | -                 |
| 03   | 19    | 7.0             | 18.2       | -1.0       | 7.3              | 6.7 | 6.3 | 6.2 | 6.7 | 8.9          | 46.3   | 0.0         | 21.6              | 1.0           | 8.2        | WSW        | -                 |
| 03   | 20    | 7.9             | 16.6       | 1.3        | 8.0              | 7.5 | 7.1 | 6.5 | 6.7 | 8.8          | 62.7   | 0.0         | 17.0              | 0.8           | 5.9        | SE         | -                 |
| 03   | 21    | 6.4             | 8.6        | 3.3        | 7.5              | 7.6 | 7.6 | 6.8 | 6.8 | 8.8          | 97.6   | 14.0        | 2.2               | 0.5           | 5.7        | E          | -                 |
| 03   | 22    | 1.8             | 3.5        | 0.3        | 5.5              | 6.3 | 7.0 | 7.0 | 6.8 | 8.8          | 99.6   | 10.5        | 3.3               | 0.3           | 3.1        | ESE        | -                 |
| 03   | 23    | 0.7             | 6.7        | -2.8       | 5.8              | 6.0 | 6.5 | 7.0 | 6.9 | 8.8          | 87.3   | 3.5         | 9.4               | 0.4           | 4.4        | ESE        | -                 |
| 03   | 24    | -1.1            | 5.0        | -5.2       | 5.6              | 5.9 | 6.4 | 6.9 | 7.0 | 8.8          | 85.4   | 0.0         | 8.9               | 0.2           | 3.9        | SSE        | 5                 |
| 03   | 25    | 1.7             | 10.4       | -4.9       | 6.2              | 6.1 | 6.3 | 6.8 | 7.0 | 8.8          | 76.1   | 0.0         | 17.2              | 0.7           | 8.5        | SSW        | 1                 |
| 03   | 26    | 0.6             | 6.2        | -4.4       | 6.5              | 6.7 | 6.7 | 6.8 | 7.1 | 8.8          | 61.2   | 0.0         | 16.8              | 1.5           | 10.6       | W          | -                 |
| 03   | 27    | 0.6             | 10.2       | -6.4       | 5.9              | 6.1 | 6.4 | 6.8 | 7.1 | 8.8          | 52.9   | 0.0         | 18.3              | 0.9           | 6.3        | SSE        | -                 |
| 03   | 28    | 2.8             | 11.5       | -4.1       | 6.9              | 6.7 | 6.7 | 6.8 | 7.1 | 8.8          | 60.0   | 0.0         | 20.8              | 0.9           | 4.9        | SSW        | -                 |
| 03   | 29    | 4.8             | 13.1       | -2.2       | 7.0              | 6.9 | 6.9 | 6.9 | 7.1 | 8.8          | 58.2   | 0.0         | 17.2              | 0.9           | 5.5        | W          | -                 |
| 03   | 30    | 5.7             | 14.5       | -0.7       | 7.5              | 7.3 | 7.2 | 7.0 | 7.1 | 8.8          | 64.8   | 0.0         | 16.0              | 0.7           | 5.5        | SE         | -                 |
| 03   | 31    | 3.9             | 12.5       | -1.6       | 7.4              | 7.4 | 7.5 | 7.2 | 7.2 | 8.8          | 58.6   | 0.0         | 15.4              | 1.3           | 9.6        | WNW        | -                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 44.5        |                   |               |            |            |                   |
| 平均   | Mean  | 2.2             | 9.8        | -3.3       | 5.7              | 5.7 | 6.0 | 6.2 | 6.7 | 8.9          | 66.4   | 1.4         | 14.6              | 0.9           | 6.4        |            | 4.3               |
| 最大   | Max.  | 8.2             | 18.2       | 3.3        | 8.0              | 7.6 | 7.6 | 7.2 | 7.2 | 9.2          | 99.6   | 14.0        | 22.4              | 1.9           | 13.3       |            | 10.0              |
| 最低   | Min.  | -3.1            | 1.2        | -7.9       | 3.9              | 4.2 | 4.6 | 5.5 | 6.3 | 8.8          | 44.6   | 0.0         | 0.8               | 0.1           | 2.8        |            | 0.5               |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 04月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 6.4             | 16.3       | -1.8       | 7.8              | 7.4  | 7.4  | 7.3  | 7.2  | 8.8          | 47.6   | 0.0         | 23.8              | 0.9           | 5.6        | SE         | -                 |
| 04   | 2     | 8.5             | 18.6       | 1.6        | 8.8              | 8.3  | 8.0  | 7.4  | 7.3  | 8.8          | 50.9   | 0.0         | 18.6              | 1.0           | 5.5        | E          | -                 |
| 04   | 3     | 3.3             | 8.6        | -0.4       | 7.9              | 8.2  | 8.3  | 7.6  | 7.3  | 8.8          | 63.8   | 0.0         | 12.5              | 0.6           | 5.1        | SE         | -                 |
| 04   | 4     | 3.4             | 12.8       | -2.9       | 8.2              | 8.0  | 8.0  | 7.7  | 7.4  | 8.8          | 49.4   | 0.0         | 24.9              | 1.0           | 8.5        | SE         | -                 |
| 04   | 5     | 6.4             | 18.9       | -3.2       | 8.4              | 8.2  | 8.1  | 7.8  | 7.5  | 8.8          | 35.8   | 0.0         | 24.7              | 1.0           | 4.8        | SW         | -                 |
| 04   | 6     | 9.5             | 20.1       | 1.1        | 9.5              | 9.0  | 8.6  | 7.9  | 7.5  | 8.8          | 38.1   | 0.0         | 24.7              | 0.9           | 5.6        | SSE        | -                 |
| 04   | 7     | 9.8             | 17.9       | 4.1        | 9.1              | 9.1  | 9.0  | 8.2  | 7.6  | 8.8          | 53.0   | 0.0         | 14.0              | 0.7           | 4.8        | WNW        | -                 |
| 04   | 8     | 13.2            | 21.0       | 6.7        | 9.2              | 9.0  | 9.0  | 8.3  | 7.7  | 8.8          | 49.9   | 0.0         | 11.0              | 2.5           | 16.0       | W          | -                 |
| 04   | 9     | 10.6            | 13.0       | 8.5        | 9.7              | 9.4  | 9.3  | 8.5  | 7.7  | 8.8          | 89.6   | 3.0         | 5.9               | 1.1           | 9.9        | ESE        | -                 |
| 04   | 10    | 8.9             | 12.7       | 7.0        | 10.1             | 9.8  | 9.6  | 8.7  | 7.8  | 8.8          | 87.6   | 0.0         | 8.2               | 0.4           | 4.0        | ESE        | -                 |
| 04   | 11    | 8.9             | 16.5       | 3.3        | 10.1             | 9.8  | 9.7  | 8.9  | 7.9  | 8.8          | 75.4   | 0.0         | 13.7              | 0.9           | 5.2        | E          | -                 |
| 04   | 12    | 5.2             | 13.8       | -0.8       | 10.1             | 10.0 | 9.8  | 9.1  | 8.0  | 8.8          | 37.9   | 0.0         | 25.1              | 1.4           | 9.7        | WSW        | -                 |
| 04   | 13    | 9.5             | 21.6       | -1.4       | 10.3             | 10.0 | 9.8  | 9.1  | 8.2  | 8.8          | 42.2   | 0.0         | 25.5              | 0.9           | 5.5        | ESE        | -                 |
| 04   | 14    | 12.6            | 22.2       | 4.0        | 11.5             | 10.9 | 10.4 | 9.3  | 8.2  | 8.9          | 42.6   | 0.0         | 24.9              | 0.9           | 6.2        | SSW        | -                 |
| 04   | 15    | 14.6            | 23.5       | 7.1        | 12.6             | 11.8 | 11.2 | 9.6  | 8.3  | 8.9          | 48.2   | 0.0         | 21.0              | 1.2           | 9.8        | WSW        | -                 |
| 04   | 16    | 13.8            | 24.4       | 4.3        | 13.4             | 12.6 | 11.9 | 9.9  | 8.4  | 8.9          | 56.9   | 0.0         | 23.0              | 1.0           | 9.8        | WSW        | -                 |
| 04   | 17    | 9.6             | 18.2       | 1.3        | 12.8             | 12.4 | 11.9 | 10.3 | 8.6  | 8.9          | 58.8   | 0.0         | 24.6              | 0.7           | 6.0        | SE         | -                 |
| 04   | 18    | 8.3             | 13.0       | 4.6        | 11.9             | 12.0 | 11.9 | 10.6 | 8.8  | 8.9          | 81.7   | 2.0         | 10.5              | 0.5           | 5.2        | SE         | -                 |
| 04   | 19    | 4.8             | 8.4        | 0.8        | 9.6              | 10.5 | 11.1 | 10.6 | 8.9  | 8.9          | 99.5   | 27.5        | 2.8               | 0.6           | 4.9        | ESE        | -                 |
| 04   | 20    | 6.5             | 16.7       | 0.0        | 9.9              | 9.9  | 10.2 | 10.5 | 9.0  | 9.0          | 77.0   | 0.0         | 22.9              | 0.8           | 8.4        | WSW        | -                 |
| 04   | 21    | 7.8             | 15.2       | 1.2        | 11.5             | 11.0 | 10.7 | 10.3 | 9.1  | 9.0          | 82.0   | 0.0         | 23.0              | 1.0           | 5.5        | SE         | -                 |
| 04   | 22    | 9.6             | 13.5       | 6.9        | 11.7             | 11.7 | 11.5 | 10.5 | 9.2  | 9.1          | 91.7   | 0.0         | 8.5               | 0.4           | 4.2        | ESE        | -                 |
| 04   | 23    | 10.2            | 13.2       | 8.5        | 11.1             | 11.2 | 11.4 | 10.7 | 9.3  | 9.1          | 96.6   | 17.0        | 5.0               | 1.3           | 15.6       | ENE        | -                 |
| 04   | 24    | 10.3            | 18.4       | 3.6        | 12.7             | 12.1 | 11.7 | 10.8 | 9.4  | 9.1          | 75.0   | 0.5         | 22.5              | 0.9           | 6.9        | E          | -                 |
| 04   | 25    | 7.6             | 15.7       | 1.2        | 11.7             | 11.8 | 11.8 | 11.0 | 9.5  | 9.2          | 60.6   | 0.0         | 23.3              | 1.2           | 9.1        | WNW        | -                 |
| 04   | 26    | 7.6             | 15.0       | 1.8        | 10.3             | 10.9 | 11.2 | 11.0 | 9.6  | 9.3          | 61.2   | 0.0         | 11.9              | 0.7           | 4.5        | ENE        | -                 |
| 04   | 27    | 14.5            | 24.4       | 4.8        | 12.3             | 11.5 | 11.3 | 10.9 | 9.7  | 9.3          | 67.1   | 2.0         | 23.1              | 2.3           | 13.0       | WNW        | -                 |
| 04   | 28    | 14.1            | 22.9       | 4.4        | 14.6             | 13.6 | 12.8 | 11.1 | 9.7  | 9.3          | 70.2   | 12.5        | 25.0              | 1.6           | 16.5       | WSW        | -                 |
| 04   | 29    | 8.6             | 15.7       | 2.4        | 12.7             | 12.9 | 12.8 | 11.6 | 9.8  | 9.4          | 71.6   | 0.0         | 20.1              | 0.7           | 5.3        | ESE        | -                 |
| 04   | 30    | 10.9            | 17.4       | 3.0        | 12.0             | 12.2 | 12.3 | 11.7 | 10.0 | 9.5          | 66.4   | 0.0         | 14.9              | 1.1           | 13.1       | SE         | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 64.5        |                   |               |            |            |                   |
| 平均   | Mean  | 9.2             | 17.0       | 2.7        | 10.7             | 10.5 | 10.3 | 9.6  | 8.5  | 9.0          | 64.3   | 2.2         | 18.0              | 1.0           | 7.8        |            |                   |
| 最大   | Max.  | 14.6            | 24.4       | 8.5        | 14.6             | 13.6 | 12.8 | 11.7 | 10.0 | 9.5          | 99.5   | 27.5        | 25.5              | 2.5           | 16.5       |            |                   |
| 最低   | Min.  | 3.3             | 8.4        | -3.2       | 7.8              | 7.4  | 7.4  | 7.3  | 7.2  | 8.8          | 35.8   | 0.0         | 2.8               | 0.4           | 4.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 05月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 14.9            | 18.9       | 11.2       | 12.4             | 12.3 | 12.4 | 11.7 | 10.1 | 9.5          | 67.2   | 0.0         | 10.8              | 2.5           | 14.8       | W          | -                 |
| 05   | 2     | 14.6            | 22.3       | 7.5        | 13.3             | 12.8 | 12.6 | 11.7 | 10.2 | 9.5          | 44.4   | 0.0         | 21.7              | 1.0           | 7.6        | E          | -                 |
| 05   | 3     | 10.4            | 16.3       | 5.6        | 12.4             | 12.5 | 12.7 | 11.9 | 10.3 | 9.6          | 78.1   | 2.5         | 10.9              | 0.5           | 3.8        | SSE        | -                 |
| 05   | 4     | 13.1            | 22.5       | 5.8        | 14.0             | 13.1 | 12.9 | 11.9 | 10.4 | 9.6          | 61.9   | 0.0         | 24.4              | 0.9           | 7.0        | SE         | -                 |
| 05   | 5     | 9.9             | 15.7       | 6.4        | 13.3             | 13.2 | 13.2 | 12.1 | 10.5 | 9.7          | 77.3   | 0.0         | 13.3              | 0.7           | 5.7        | ESE        | -                 |
| 05   | 6     | 9.3             | 11.7       | 7.0        | 12.5             | 12.7 | 13.0 | 12.2 | 10.6 | 9.7          | 92.3   | 0.0         | 5.0               | 0.2           | 3.7        | SE         | -                 |
| 05   | 7     | 11.5            | 15.3       | 8.7        | 12.4             | 12.3 | 12.7 | 12.2 | 10.7 | 9.8          | 93.2   | 0.0         | 6.5               | 0.4           | 4.2        | ESE        | -                 |
| 05   | 8     | 16.5            | 25.2       | 8.5        | 14.3             | 13.5 | 13.2 | 12.2 | 10.8 | 9.8          | 55.7   | 0.0         | 23.5              | 1.4           | 12.4       | W          | -                 |
| 05   | 9     | 15.5            | 24.6       | 7.2        | 14.6             | 13.9 | 13.6 | 12.4 | 10.9 | 9.9          | 52.1   | 0.0         | 24.7              | 0.8           | 5.6        | ESE        | -                 |
| 05   | 10    | 18.6            | 25.8       | 13.4       | 15.3             | 14.6 | 14.3 | 12.6 | 10.9 | 9.9          | 78.5   | 7.0         | 7.9               | 0.8           | 8.6        | N          | -                 |
| 05   | 11    | 12.0            | 14.4       | 10.4       | 13.9             | 14.1 | 14.3 | 13.0 | 11.0 | 9.9          | 99.6   | 42.5        | 2.9               | 0.5           | 8.3        | E          | -                 |
| 05   | 12    | 11.6            | 13.5       | 10.4       | 13.2             | 13.3 | 13.8 | 13.2 | 11.1 | 10.0         | 99.2   | 1.5         | 4.1               | 0.3           | 3.3        | ESE        | -                 |
| 05   | 13    | 16.0            | 24.7       | 9.3        | 15.3             | 14.4 | 14.0 | 13.2 | 11.3 | 10.1         | 83.1   | 0.0         | 22.9              | 0.7           | 7.6        | E          | -                 |
| 05   | 14    | 14.1            | 22.8       | 6.2        | 15.5             | 15.1 | 14.7 | 13.3 | 11.4 | 10.2         | 48.2   | 0.0         | 28.7              | 1.4           | 11.2       | WNW        | -                 |
| 05   | 15    | 15.6            | 24.8       | 7.2        | 15.4             | 15.0 | 14.7 | 13.5 | 11.5 | 10.3         | 39.1   | 0.0         | 27.3              | 0.9           | 6.8        | W          | -                 |
| 05   | 16    | 14.2            | 20.8       | 7.9        | 15.1             | 15.0 | 14.8 | 13.7 | 11.6 | 10.3         | 62.5   | 0.0         | 18.5              | 0.5           | 4.7        | ESE        | -                 |
| 05   | 17    | 11.9            | 17.0       | 9.0        | 14.4             | 14.6 | 14.7 | 13.8 | 11.7 | 10.4         | 88.3   | 6.0         | 8.8               | 0.3           | 3.9        | SW         | -                 |
| 05   | 18    | 14.2            | 22.3       | 6.9        | 15.4             | 14.9 | 14.7 | 13.8 | 11.8 | 10.4         | 73.0   | 0.0         | 27.1              | 0.7           | 5.2        | ESE        | -                 |
| 05   | 19    | 16.6            | 25.4       | 7.9        | 16.1             | 15.5 | 15.2 | 13.9 | 11.9 | 10.5         | 64.1   | 0.0         | 27.1              | 0.8           | 5.4        | E          | -                 |
| 05   | 20    | 18.7            | 27.1       | 11.0       | 16.9             | 16.2 | 15.7 | 14.1 | 12.0 | 10.6         | 61.4   | 0.0         | 25.9              | 0.7           | 5.4        | ENE        | -                 |
| 05   | 21    | 20.3            | 29.2       | 12.4       | 17.7             | 16.9 | 16.3 | 14.4 | 12.2 | 10.6         | 58.8   | 0.0         | 26.2              | 0.7           | 5.2        | E          | -                 |
| 05   | 22    | 16.5            | 24.2       | 12.4       | 16.6             | 16.6 | 16.5 | 14.7 | 12.3 | 10.7         | 87.2   | 15.5        | 8.0               | 0.6           | 4.2        | E          | -                 |
| 05   | 23    | 11.2            | 13.3       | 8.5        | 15.1             | 15.6 | 15.9 | 14.9 | 12.4 | 10.7         | 99.1   | 19.0        | 4.0               | 0.3           | 4.2        | ESE        | -                 |
| 05   | 24    | 9.8             | 17.1       | 4.8        | 12.9             | 13.7 | 14.5 | 14.9 | 12.6 | 10.8         | 91.2   | 33.0        | 16.8              | 0.6           | 5.9        | W          | -                 |
| 05   | 25    | 14.8            | 24.0       | 6.3        | 15.0             | 14.5 | 14.5 | 14.6 | 12.8 | 10.9         | 75.9   | 0.0         | 26.2              | 0.6           | 5.7        | ESE        | -                 |
| 05   | 26    | 12.0            | 13.3       | 9.9        | 14.2             | 14.7 | 15.0 | 14.5 | 12.9 | 11.0         | 95.1   | 5.0         | 2.4               | 0.2           | 2.7        | ESE        | -                 |
| 05   | 27    | 12.4            | 14.6       | 9.9        | 14.0             | 14.2 | 14.6 | 14.5 | 12.9 | 11.1         | 96.5   | 4.0         | 5.9               | 0.3           | 2.8        | ESE        | -                 |
| 05   | 28    | 13.7            | 15.6       | 12.0       | 14.2             | 14.3 | 14.6 | 14.5 | 13.0 | 11.1         | 98.6   | 8.5         | 4.6               | 0.0           | 2.5        | SSE        | -                 |
| 05   | 29    | 14.4            | 15.8       | 13.1       | 14.2             | 14.5 | 14.9 | 14.6 | 13.1 | 11.2         | 100.0  | 117.0       | 2.5               | 0.3           | 3.4        | E          | -                 |
| 05   | 30    | 14.3            | 20.2       | 11.9       | 14.7             | 14.7 | 15.0 | 14.8 | 13.5 | 11.6         | 91.8   | 29.5        | 10.9              | 0.4           | 6.7        | NNE        | -                 |
| 05   | 31    | 13.2            | 18.7       | 8.4        | 15.6             | 15.4 | 15.4 | 14.9 | 13.6 | 11.7         | 84.2   | 0.0         | 14.8              | 0.7           | 5.8        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 291.0       |                   |               |            |            |                   |
| 平均   | Mean  | 13.9            | 19.9       | 8.9        | 14.5             | 14.3 | 14.3 | 13.5 | 11.7 | 10.4         | 77.3   | 9.4         | 15.0              | 0.7           | 5.9        |            |                   |
| 最大   | Max.  | 20.3            | 29.2       | 13.4       | 17.7             | 16.9 | 16.5 | 14.9 | 13.6 | 11.7         | 100.0  | 117.0       | 28.7              | 2.5           | 14.8       |            |                   |
| 最低   | Min.  | 9.3             | 11.7       | 4.8        | 12.4             | 12.3 | 12.4 | 11.7 | 10.1 | 9.5          | 39.1   | 0.0         | 2.4               | 0.0           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 06月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 8.7             | 11.0       | 7.1        | 14.2             | 14.7 | 15.2 | 14.9 | 13.6 | 11.8         | 98.5   | 0.5         | 4.5               | 0.4           | 3.1        | ESE        | -                 |
| 06   | 2     | 10.0            | 11.6       | 8.2        | 13.4             | 13.9 | 14.6 | 14.9 | 13.6 | 11.9         | 99.5   | 0.5         | 3.6               | 0.3           | 3.7        | ESE        | -                 |
| 06   | 3     | 15.6            | 23.6       | 9.1        | 15.2             | 14.7 | 14.7 | 14.7 | 13.6 | 11.9         | 84.8   | 0.5         | 20.7              | 0.4           | 4.3        | SE         | -                 |
| 06   | 4     | 17.7            | 25.5       | 10.4       | 16.8             | 16.0 | 15.6 | 14.8 | 13.6 | 12.0         | 80.4   | 0.0         | 26.3              | 0.6           | 4.4        | SE         | -                 |
| 06   | 5     | 17.3            | 24.4       | 12.0       | 16.8             | 16.5 | 16.3 | 15.1 | 13.6 | 12.0         | 83.1   | 9.0         | 14.1              | 0.5           | 5.6        | E          | -                 |
| 06   | 6     | 18.3            | 26.1       | 11.3       | 17.9             | 17.2 | 16.7 | 15.3 | 13.6 | 12.0         | 74.7   | 0.0         | 28.7              | 0.6           | 4.3        | SE         | -                 |
| 06   | 7     | 16.7            | 21.2       | 12.7       | 17.4             | 17.2 | 17.1 | 15.6 | 13.7 | 12.1         | 84.0   | 0.0         | 14.6              | 0.6           | 5.0        | ESE        | -                 |
| 06   | 8     | 16.6            | 21.5       | 13.3       | 17.2             | 17.0 | 17.0 | 15.8 | 13.8 | 12.1         | 86.2   | 0.0         | 11.9              | 0.4           | 3.9        | ESE        | -                 |
| 06   | 9     | 17.3            | 22.4       | 14.6       | 17.3             | 17.0 | 17.1 | 15.9 | 13.9 | 12.1         | 88.7   | 4.5         | 12.0              | 0.5           | 4.0        | ESE        | -                 |
| 06   | 10    | 17.9            | 23.3       | 12.9       | 18.0             | 17.4 | 17.3 | 16.0 | 14.0 | 12.1         | 90.6   | 0.5         | 16.0              | 0.5           | 4.1        | SE         | -                 |
| 06   | 11    | 18.0            | 22.0       | 15.6       | 17.8             | 17.6 | 17.7 | 16.3 | 14.0 | 12.2         | 96.3   | 30.0        | 7.9               | 0.3           | 5.0        | WSW        | -                 |
| 06   | 12    | 18.2            | 21.4       | 15.3       | 18.3             | 17.9 | 17.9 | 16.5 | 14.2 | 12.2         | 93.1   | 0.5         | 9.4               | 0.2           | 3.3        | SSW        | -                 |
| 06   | 13    | 17.7            | 21.2       | 15.1       | 18.2             | 17.9 | 18.0 | 16.7 | 14.3 | 12.3         | 95.3   | 14.0        | 9.9               | 0.1           | 2.9        | SW         | -                 |
| 06   | 14    | 17.9            | 22.7       | 14.6       | 18.7             | 18.3 | 18.3 | 16.9 | 14.5 | 12.4         | 87.8   | 0.0         | 12.8              | 0.6           | 5.0        | E          | -                 |
| 06   | 15    | 15.5            | 18.3       | 13.6       | 17.9             | 18.0 | 18.2 | 17.0 | 14.7 | 12.4         | 87.8   | 0.0         | 9.2               | 0.3           | 3.4        | ESE        | -                 |
| 06   | 16    | 16.0            | 20.1       | 12.8       | 17.7             | 17.6 | 17.9 | 17.1 | 14.8 | 12.5         | 91.0   | 6.5         | 11.7              | 0.5           | 5.0        | ESE        | -                 |
| 06   | 17    | 15.8            | 17.5       | 14.1       | 17.7             | 17.6 | 17.9 | 17.1 | 14.9 | 12.5         | 98.5   | 6.5         | 7.3               | 0.4           | 4.1        | ESE        | -                 |
| 06   | 18    | 16.1            | 18.0       | 14.4       | 17.6             | 17.6 | 17.9 | 17.1 | 14.9 | 12.6         | 98.2   | 3.0         | 5.2               | 0.2           | 2.6        | ESE        | -                 |
| 06   | 19    | 17.4            | 20.9       | 15.4       | 17.9             | 17.7 | 17.9 | 17.1 | 15.0 | 12.7         | 96.2   | 0.0         | 7.3               | 0.1           | 2.8        | ESE        | -                 |
| 06   | 20    | 20.4            | 26.5       | 15.7       | 19.6             | 18.8 | 18.5 | 17.2 | 15.1 | 12.7         | 87.5   | 0.0         | 17.5              | 0.4           | 3.4        | SE         | -                 |
| 06   | 21    | 21.1            | 28.4       | 16.1       | 20.3             | 19.7 | 19.3 | 17.5 | 15.2 | 12.8         | 84.5   | 0.0         | 17.1              | 0.4           | 6.5        | W          | -                 |
| 06   | 22    | 23.1            | 32.2       | 15.1       | 21.2             | 20.4 | 19.9 | 17.8 | 15.3 | 12.9         | 68.1   | 0.0         | 26.7              | 0.6           | 4.6        | NNE        | -                 |
| 06   | 23    | 23.4            | 29.7       | 19.0       | 21.6             | 21.0 | 20.6 | 18.2 | 15.4 | 13.0         | 77.2   | 0.0         | 13.8              | 0.3           | 5.2        | WNW        | -                 |
| 06   | 24    | 25.7            | 33.4       | 20.2       | 22.0             | 21.4 | 20.9 | 18.6 | 15.5 | 13.0         | 61.8   | 0.0         | 20.6              | 1.0           | 9.5        | WNW        | -                 |
| 06   | 25    | 22.2            | 28.7       | 19.1       | 22.0             | 21.5 | 21.2 | 18.9 | 15.7 | 13.1         | 85.3   | 4.5         | 14.8              | 0.7           | 6.0        | E          | -                 |
| 06   | 26    | 18.4            | 20.7       | 17.1       | 20.9             | 20.8 | 21.0 | 19.1 | 15.9 | 13.1         | 97.8   | 1.5         | 5.5               | 0.3           | 3.4        | ESE        | -                 |
| 06   | 27    | 18.8            | 20.8       | 17.4       | 20.4             | 20.2 | 20.5 | 19.2 | 16.0 | 13.2         | 98.0   | 0.0         | 5.9               | 0.4           | 3.4        | ESE        | -                 |
| 06   | 28    | 24.3            | 32.2       | 18.5       | 22.1             | 21.1 | 20.8 | 19.2 | 16.2 | 13.3         | 83.4   | 0.0         | 20.9              | 0.4           | 3.7        | S          | -                 |
| 06   | 29    | 24.6            | 31.5       | 19.2       | 23.0             | 22.2 | 21.7 | 19.4 | 16.3 | 13.4         | 82.0   | 0.0         | 18.8              | 0.5           | 5.1        | SSE        | -                 |
| 06   | 30    | 23.3            | 29.8       | 18.9       | 22.9             | 22.5 | 22.1 | 19.8 | 16.4 | 13.4         | 87.2   | 21.5        | 16.0              | 0.4           | 5.2        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 103.5       |                   |               |            |            |                   |
| 平均   | Mean  | 18.5            | 23.5       | 14.6       | 18.7             | 18.4 | 18.3 | 17.0 | 14.7 | 12.5         | 87.6   | 3.5         | 13.7              | 0.4           | 4.4        |            |                   |
| 最大   | Max.  | 25.7            | 33.4       | 20.2       | 23.0             | 22.5 | 22.1 | 19.8 | 16.4 | 13.4         | 99.5   | 30.0        | 28.7              | 1.0           | 9.5        |            |                   |
| 最低   | Min.  | 8.7             | 11.0       | 7.1        | 13.4             | 13.9 | 14.6 | 14.7 | 13.6 | 11.8         | 61.8   | 0.0         | 3.6               | 0.1           | 2.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 07月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 21.6            | 29.2       | 18.0       | 22.2             | 22.1 | 22.0 | 20.2 | 16.5 | 13.5         | 92.7   | 17.5        | 14.0              | 0.3           | 4.3        | W          | -                 |
| 07   | 2     | 21.6            | 27.4       | 19.2       | 22.1             | 21.9 | 22.0 | 20.4 | 16.7 | 13.6         | 93.1   | 0.5         | 11.8              | 0.2           | 3.5        | SSW        | -                 |
| 07   | 3     | 22.7            | 26.9       | 18.4       | 22.6             | 22.2 | 22.1 | 20.5 | 17.0 | 13.7         | 89.2   | 0.0         | 14.6              | 0.5           | 4.1        | ESE        | -                 |
| 07   | 4     | 23.3            | 30.4       | 19.2       | 22.7             | 22.4 | 22.3 | 20.6 | 17.2 | 13.8         | 83.8   | 2.0         | 12.1              | 0.4           | 6.4        | WNW        | -                 |
| 07   | 5     | 23.0            | 29.4       | 18.4       | 23.4             | 22.8 | 22.5 | 20.8 | 17.3 | 13.9         | 83.7   | 0.5         | 21.9              | 0.6           | 5.7        | ESE        | -                 |
| 07   | 6     | 22.7            | 29.9       | 16.4       | 23.5             | 23.1 | 22.8 | 21.0 | 17.5 | 14.0         | 78.7   | 0.0         | 23.8              | 0.5           | 3.7        | SSE        | -                 |
| 07   | 7     | 20.9            | 23.3       | 18.7       | 22.8             | 22.8 | 22.9 | 21.2 | 17.6 | 14.1         | 94.3   | 2.0         | 7.6               | 0.2           | 3.7        | SE         | -                 |
| 07   | 8     | 24.0            | 30.5       | 19.7       | 23.4             | 22.9 | 22.7 | 21.2 | 17.7 | 14.2         | 88.3   | 4.0         | 19.0              | 0.4           | 3.5        | SSE        | -                 |
| 07   | 9     | 23.5            | 29.3       | 20.1       | 23.9             | 23.5 | 23.3 | 21.4 | 17.9 | 14.3         | 87.4   | 0.5         | 11.8              | 0.5           | 6.1        | W          | -                 |
| 07   | 10    | 23.4            | 32.4       | 19.1       | 23.6             | 23.4 | 23.3 | 21.6 | 18.0 | 14.4         | 86.9   | 18.5        | 18.6              | 0.5           | 6.7        | NW         | -                 |
| 07   | 11    | 22.9            | 30.7       | 17.9       | 23.6             | 23.5 | 23.4 | 21.8 | 18.1 | 14.5         | 89.9   | 17.0        | 20.3              | 0.4           | 5.5        | NE         | -                 |
| 07   | 12    | 23.9            | 30.5       | 18.4       | 24.3             | 23.9 | 23.7 | 22.0 | 18.3 | 14.6         | 87.2   | 0.5         | 23.6              | 0.5           | 6.0        | ESE        | -                 |
| 07   | 13    | 24.4            | 30.5       | 19.3       | 24.6             | 24.2 | 24.0 | 22.2 | 18.5 | 14.7         | 85.6   | 0.0         | 19.9              | 0.4           | 4.9        | SSE        | -                 |
| 07   | 14    | 24.3            | 31.8       | 19.4       | 24.7             | 24.4 | 24.2 | 22.4 | 18.7 | 14.8         | 87.9   | 8.0         | 20.6              | 0.4           | 3.8        | SW         | -                 |
| 07   | 15    | 25.3            | 33.0       | 19.6       | 25.1             | 24.7 | 24.4 | 22.6 | 18.8 | 14.9         | 81.8   | 0.0         | 25.0              | 0.5           | 4.0        | S          | -                 |
| 07   | 16    | 25.6            | 33.3       | 19.1       | 25.3             | 24.9 | 24.7 | 22.8 | 19.0 | 15.0         | 76.6   | 0.0         | 25.9              | 0.4           | 4.2        | SSE        | -                 |
| 07   | 17    | 26.0            | 33.4       | 19.3       | 25.4             | 25.0 | 24.8 | 22.9 | 19.2 | 15.2         | 75.1   | 0.0         | 26.7              | 0.5           | 3.9        | SSW        | -                 |
| 07   | 18    | 24.3            | 29.3       | 19.7       | 24.5             | 24.6 | 24.7 | 23.1 | 19.3 | 15.3         | 75.0   | 0.0         | 11.3              | 0.5           | 4.9        | WNW        | -                 |
| 07   | 19    | 21.3            | 23.6       | 19.7       | 23.0             | 23.5 | 24.0 | 23.1 | 19.4 | 15.4         | 95.8   | 34.0        | 4.5               | 0.5           | 4.0        | E          | -                 |
| 07   | 20    | 20.6            | 22.4       | 17.7       | 21.9             | 22.5 | 23.1 | 23.0 | 19.6 | 15.5         | 99.4   | 26.0        | 3.1               | 0.5           | 5.2        | E          | -                 |
| 07   | 21    | 15.7            | 17.9       | 13.4       | 20.4             | 21.3 | 22.3 | 22.9 | 20.0 | 15.7         | 97.7   | 26.5        | 6.8               | 0.5           | 4.4        | E          | -                 |
| 07   | 22    | 16.9            | 22.7       | 12.3       | 20.9             | 21.1 | 21.8 | 22.5 | 20.2 | 16.0         | 86.0   | 0.0         | 21.1              | 0.4           | 4.5        | SE         | -                 |
| 07   | 23    | 20.5            | 27.9       | 14.0       | 22.1             | 22.0 | 22.2 | 22.2 | 20.2 | 16.2         | 76.7   | 0.0         | 27.4              | 0.5           | 5.7        | SE         | -                 |
| 07   | 24    | 20.7            | 25.5       | 17.2       | 22.1             | 22.2 | 22.5 | 22.2 | 20.2 | 16.3         | 89.3   | 0.0         | 10.3              | 0.4           | 4.3        | ESE        | -                 |
| 07   | 25    | 22.7            | 28.9       | 17.1       | 22.9             | 22.5 | 22.6 | 22.2 | 20.1 | 16.4         | 82.6   | 0.0         | 23.5              | 0.5           | 4.6        | S          | -                 |
| 07   | 26    | 23.1            | 28.7       | 18.1       | 23.3             | 23.1 | 23.1 | 22.3 | 20.1 | 16.5         | 83.8   | 0.0         | 18.7              | 0.5           | 4.7        | SSE        | -                 |
| 07   | 27    | 22.7            | 28.3       | 19.2       | 23.2             | 23.1 | 23.3 | 22.5 | 20.1 | 16.6         | 87.0   | 0.0         | 11.4              | 0.3           | 5.1        | WSW        | -                 |
| 07   | 28    | 22.2            | 27.3       | 18.8       | 23.1             | 23.0 | 23.2 | 22.5 | 20.2 | 16.6         | 92.8   | 2.0         | 10.6              | 0.2           | 2.8        | WSW        | -                 |
| 07   | 29    | 22.0            | 27.5       | 18.3       | 23.0             | 22.9 | 23.2 | 22.6 | 20.2 | 16.7         | 89.8   | 0.5         | 11.4              | 0.2           | 3.1        | W          | -                 |
| 07   | 30    | 21.2            | 24.8       | 19.5       | 22.6             | 22.7 | 23.1 | 22.6 | 20.2 | 16.7         | 95.0   | 12.0        | 8.7               | 0.3           | 5.8        | SW         | -                 |
| 07   | 31    | 18.7            | 19.8       | 17.5       | 21.6             | 22.1 | 22.7 | 22.5 | 20.2 | 16.8         | 99.6   | 19.5        | 4.5               | 0.6           | 4.0        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 191.5       |                   |               |            |            |                   |
| 平均   | Mean  | 22.3            | 28.0       | 18.1       | 23.1             | 23.0 | 23.1 | 22.0 | 18.8 | 15.1         | 87.5   | 6.2         | 15.8              | 0.4           | 4.6        |            |                   |
| 最大   | Max.  | 26.0            | 33.4       | 20.1       | 25.4             | 25.0 | 24.8 | 23.1 | 20.2 | 16.8         | 99.6   | 34.0        | 27.4              | 0.6           | 6.7        |            |                   |
| 最低   | Min.  | 15.7            | 17.9       | 12.3       | 20.4             | 21.1 | 21.8 | 20.2 | 16.5 | 13.5         | 75.0   | 0.0         | 3.1               | 0.2           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 08月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 18.6            | 20.4       | 17.2       | 21.1             | 21.5 | 22.2 | 22.4 | 20.2 | 16.9         | 98.6   | 1.0         | 5.0               | 0.2           | 3.4        | ESE        | -                 |
| 08   | 2     | 19.5            | 21.4       | 18.0       | 21.1             | 21.4 | 22.0 | 22.3 | 20.3 | 17.0         | 98.0   | 0.0         | 5.0               | 0.2           | 3.0        | ESE        | -                 |
| 08   | 3     | 20.8            | 23.2       | 19.1       | 21.3             | 21.5 | 21.9 | 22.1 | 20.3 | 17.0         | 96.5   | 0.5         | 5.7               | 0.1           | 2.2        |            | -                 |
| 08   | 4     | 21.4            | 24.9       | 19.6       | 21.8             | 21.8 | 22.1 | 22.1 | 20.3 | 17.1         | 95.0   | 6.0         | 8.9               | 0.3           | 3.7        | ESE        | -                 |
| 08   | 5     | 22.0            | 26.3       | 18.8       | 22.3             | 22.1 | 22.3 | 22.1 | 20.2 | 17.2         | 94.4   | 2.0         | 11.9              | 0.4           | 4.0        | SE         | -                 |
| 08   | 6     | 23.3            | 30.5       | 19.7       | 23.0             | 22.7 | 22.8 | 22.2 | 20.3 | 17.2         | 91.9   | 1.0         | 13.4              | 0.5           | 3.8        | W          | -                 |
| 08   | 7     | 23.2            | 30.5       | 19.2       | 23.3             | 23.2 | 23.1 | 22.3 | 20.2 | 17.3         | 91.9   | 14.5        | 15.0              | 0.4           | 4.0        | W          | -                 |
| 08   | 8     | 23.3            | 32.2       | 18.4       | 23.2             | 23.4 | 23.4 | 22.6 | 20.3 | 17.3         | 88.0   | 43.0        | 21.7              | 0.5           | 6.6        | W          | -                 |
| 08   | 9     | 24.6            | 32.6       | 19.1       | 23.7             | 23.5 | 23.5 | 22.9 | 20.5 | 17.5         | 86.0   | 0.0         | 23.1              | 0.4           | 4.3        | WNW        | -                 |
| 08   | 10    | 26.3            | 33.5       | 20.4       | 24.8             | 24.4 | 24.1 | 23.0 | 20.6 | 17.6         | 82.3   | 0.0         | 24.4              | 0.5           | 4.0        | WSW        | -                 |
| 08   | 11    | 24.5            | 33.3       | 20.1       | 25.1             | 24.7 | 24.5 | 23.2 | 20.6 | 17.6         | 86.8   | 7.5         | 16.3              | 0.4           | 4.1        | S          | -                 |
| 08   | 12    | 24.8            | 30.6       | 20.5       | 25.8             | 25.0 | 24.8 | 23.4 | 20.7 | 17.7         | 84.1   | 0.0         | 21.0              | 0.5           | 5.0        | SE         | -                 |
| 08   | 13    | 23.1            | 29.2       | 19.5       | 25.2             | 24.9 | 25.0 | 23.6 | 20.8 | 17.7         | 90.3   | 6.5         | 13.4              | 0.5           | 5.3        | SSW        | -                 |
| 08   | 14    | 24.4            | 31.7       | 19.6       | 25.5             | 24.9 | 25.1 | 23.8 | 20.9 | 17.7         | 87.6   | 3.5         | 18.0              | 0.4           | 3.7        | ESE        | -                 |
| 08   | 15    | 23.6            | 29.8       | 19.4       | 25.3             | 25.0 | 25.3 | 23.9 | 21.0 | 17.8         | 90.3   | 7.0         | 15.3              | 0.4           | 6.1        | W          | -                 |
| 08   | 16    | 24.4            | 30.8       | 19.2       | 25.5             | 25.0 | 25.3 | 24.0 | 21.0 | 17.8         | 87.0   | 0.0         | 18.9              | 0.4           | 4.3        | SE         | -                 |
| 08   | 17    | 24.7            | 31.4       | 19.5       | 25.6             | 25.2 | 25.5 | 24.2 | 21.1 | 17.9         | 83.4   | 0.0         | 17.6              | 0.5           | 4.3        | W          | -                 |
| 08   | 18    | 26.3            | 33.3       | 21.1       | 26.2             | 25.5 | 25.6 | 24.3 | 21.2 | 17.9         | 79.3   | 1.0         | 20.2              | 0.5           | 4.7        |            | -                 |
| 08   | 19    | 21.0            | 24.8       | 17.8       | 24.3             | 24.9 | 25.5 | 24.4 | 21.3 | 18.0         | 95.7   | 13.0        | 3.6               | 0.6           | 4.1        | E          | -                 |
| 08   | 20    | 17.9            | 19.8       | 17.0       | 22.0             | 23.0 | 24.1 | 24.3 | 21.4 | 18.0         | 98.4   | 12.5        | 5.1               | 0.3           | 3.1        | E          | -                 |
| 08   | 21    | 16.9            | 18.2       | 16.3       | 20.8             | 21.9 | 23.1 | 23.9 | 21.5 | 18.1         | 99.6   | 14.0        | 4.0               | 0.3           | 4.0        | ESE        | -                 |
| 08   | 22    | 18.1            | 20.9       | 16.2       | 20.5             | 21.3 | 22.4 | 23.5 | 21.6 | 18.2         | 97.8   | 18.5        | 6.5               | 0.2           | 2.9        | ESE        | -                 |
| 08   | 23    | 20.2            | 25.5       | 17.9       | 21.8             | 21.8 | 22.5 | 23.1 | 21.7 | 18.4         | 95.6   | 0.0         | 11.3              | 0.4           | 4.5        | ESE        | -                 |
| 08   | 24    | 22.1            | 28.3       | 16.9       | 23.0             | 22.8 | 23.1 | 23.0 | 21.6 | 18.5         | 90.4   | 5.5         | 17.4              | 0.5           | 5.3        | SE         | -                 |
| 08   | 25    | 20.6            | 22.3       | 19.1       | 22.0             | 22.6 | 23.3 | 23.1 | 21.5 | 18.5         | 98.8   | 19.0        | 4.6               | 0.3           | 3.9        | WNW        | -                 |
| 08   | 26    | 20.5            | 26.9       | 18.9       | 21.7             | 22.3 | 23.1 | 23.1 | 21.5 | 18.6         | 97.3   | 44.0        | 7.5               | 0.2           | 4.1        | W          | -                 |
| 08   | 27    | 20.5            | 23.9       | 19.0       | 22.1             | 22.4 | 23.0 | 23.1 | 21.6 | 18.9         | 96.6   | 0.5         | 7.5               | 0.4           | 3.9        | ESE        | -                 |
| 08   | 28    | 20.9            | 24.2       | 19.1       | 22.4             | 22.6 | 23.2 | 23.1 | 21.6 | 19.0         | 95.5   | 2.5         | 8.1               | 0.2           | 3.9        | SE         | -                 |
| 08   | 29    | 21.7            | 26.4       | 19.1       | 23.0             | 22.9 | 23.4 | 23.1 | 21.5 | 19.0         | 92.2   | 0.5         | 12.7              | 0.4           | 3.9        | ESE        | -                 |
| 08   | 30    | 21.6            | 28.4       | 16.5       | 23.7             | 23.5 | 23.7 | 23.2 | 21.5 | 19.0         | 85.5   | 0.0         | 21.2              | 0.5           | 5.0        | SE         | -                 |
| 08   | 31    | 20.8            | 24.2       | 18.0       | 23.0             | 23.3 | 23.8 | 23.3 | 21.5 | 19.0         | 94.3   | 14.5        | 8.3               | 0.2           | 3.4        | S          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 238.0       |                   |               |            |            |                   |
| 平均   | Mean  | 22.0            | 27.1       | 18.7       | 23.2             | 23.2 | 23.6 | 23.2 | 21.0 | 17.9         | 91.9   | 7.7         | 12.7              | 0.4           | 4.1        |            |                   |
| 最大   | Max.  | 26.3            | 33.5       | 21.1       | 26.2             | 25.5 | 25.6 | 24.4 | 21.7 | 19.0         | 99.6   | 44.0        | 24.4              | 0.6           | 6.6        |            |                   |
| 最低   | Min.  | 16.9            | 18.2       | 16.2       | 20.5             | 21.3 | 21.9 | 22.1 | 20.2 | 16.9         | 79.3   | 0.0         | 3.6               | 0.1           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2011年 09月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 21.3            | 25.1       | 19.7       | 22.0             | 22.5 | 23.3 | 23.3 | 21.5 | 19.1         | 97.8   | 38.5        | 6.9               | 0.3           | 3.3        | SSW        | -                 |
| 09   | 2     | 21.6            | 25.7       | 19.5       | 22.1             | 22.6 | 23.3 | 23.3 | 21.6 | 19.2         | 96.4   | 94.5        | 8.4               | 0.6           | 7.6        | NNE        | -                 |
| 09   | 3     | 21.8            | 24.4       | 20.4       | 21.4             | 21.7 | 22.4 | 23.2 | 22.2 | 19.9         | 99.0   | 143.5       | 7.2               | 0.4           | 4.6        | S          | -                 |
| 09   | 4     | 19.9            | 21.9       | 18.7       | 21.4             | 21.9 | 22.7 | 23.0 | 22.3 | 20.3         | 98.9   | 15.5        | 5.0               | 0.2           | 4.0        | W          | -                 |
| 09   | 5     | 20.7            | 23.5       | 18.6       | 21.7             | 21.9 | 22.6 | 23.0 | 22.2 | 20.4         | 97.2   | 4.5         | 7.0               | 0.3           | 5.2        | ESE        | -                 |
| 09   | 6     | 19.3            | 24.6       | 14.8       | 22.0             | 22.3 | 22.9 | 23.0 | 22.1 | 20.3         | 90.3   | 1.5         | 13.7              | 0.4           | 5.5        | E          | -                 |
| 09   | 7     | 19.0            | 26.2       | 13.3       | 21.9             | 22.1 | 22.8 | 23.0 | 22.1 | 20.3         | 83.7   | 0.0         | 22.2              | 0.6           | 4.9        | S          | -                 |
| 09   | 8     | 19.4            | 27.0       | 13.9       | 22.0             | 22.3 | 22.8 | 23.0 | 22.0 | 20.3         | 83.0   | 0.0         | 20.1              | 0.8           | 5.3        | W          | -                 |
| 09   | 9     | 20.9            | 28.2       | 15.7       | 22.0             | 22.3 | 22.9 | 23.0 | 22.0 | 20.3         | 88.4   | 0.0         | 13.2              | 0.4           | 4.6        | W          | -                 |
| 09   | 10    | 23.3            | 30.7       | 18.3       | 23.0             | 22.8 | 23.2 | 23.0 | 21.9 | 20.2         | 87.0   | 0.0         | 17.5              | 0.5           | 4.1        | SE         | -                 |
| 09   | 11    | 22.8            | 27.5       | 18.9       | 23.3             | 23.3 | 23.6 | 23.1 | 21.9 | 20.2         | 87.9   | 0.0         | 12.7              | 0.3           | 3.1        | ESE        | -                 |
| 09   | 12    | 22.2            | 29.2       | 16.6       | 23.5             | 23.4 | 23.7 | 23.3 | 21.9 | 20.2         | 84.8   | 0.0         | 21.3              | 0.7           | 5.2        | WSW        | -                 |
| 09   | 13    | 22.7            | 29.3       | 17.4       | 23.6             | 23.6 | 23.9 | 23.4 | 21.9 | 20.2         | 83.4   | 0.0         | 18.6              | 0.6           | 3.4        | SW         | -                 |
| 09   | 14    | 23.3            | 30.0       | 18.0       | 23.8             | 23.6 | 24.0 | 23.5 | 21.9 | 20.2         | 82.9   | 0.0         | 18.2              | 0.6           | 4.1        | SW         | -                 |
| 09   | 15    | 23.0            | 28.6       | 18.8       | 24.4             | 24.1 | 24.3 | 23.6 | 22.0 | 20.1         | 84.9   | 0.0         | 18.7              | 0.6           | 4.3        | S          | -                 |
| 09   | 16    | 22.5            | 30.8       | 17.3       | 24.2             | 24.0 | 24.3 | 23.7 | 22.1 | 20.1         | 84.2   | 1.0         | 20.0              | 0.7           | 3.7        | WSW        | -                 |
| 09   | 17    | 21.8            | 25.9       | 19.9       | 23.9             | 23.9 | 24.3 | 23.8 | 22.1 | 20.1         | 93.8   | 0.0         | 7.6               | 0.4           | 3.9        | W          | -                 |
| 09   | 18    | 23.0            | 29.8       | 18.1       | 24.3             | 24.0 | 24.2 | 23.8 | 22.1 | 20.1         | 84.4   | 0.0         | 21.1              | 0.6           | 4.9        | SW         | -                 |
| 09   | 19    | 22.4            | 29.5       | 16.5       | 24.4             | 24.2 | 24.4 | 23.8 | 22.2 | 20.1         | 84.8   | 3.0         | 17.8              | 0.9           | 4.3        | ESE        | -                 |
| 09   | 20    | 16.2            | 17.1       | 15.3       | 20.9             | 22.3 | 23.5 | 23.8 | 22.0 | 20.0         | 99.9   | 50.5        | 2.9               | 0.6           | 4.3        | E          | -                 |
| 09   | 21    | 16.4            | 20.8       | 15.1       | 17.3             | 18.8 | 20.4 | 22.9 | 22.2 | 20.1         | 99.1   | 147.5       | 1.7               | 0.8           | 13.3       | NNE        | -                 |
| 09   | 22    | 17.4            | 24.8       | 12.3       | 17.8             | 17.9 | 19.0 | 21.4 | 22.4 | 20.6         | 93.3   | 10.0        | 11.0              | 0.4           | 5.0        | NNE        | -                 |
| 09   | 23    | 12.9            | 16.0       | 10.8       | 17.4             | 18.2 | 19.4 | 21.2 | 22.1 | 20.6         | 96.7   | 2.5         | 5.5               | 0.1           | 2.9        | NW         | -                 |
| 09   | 24    | 13.5            | 20.6       | 7.7        | 17.9             | 18.2 | 19.2 | 21.0 | 21.9 | 20.6         | 85.9   | 0.0         | 19.5              | 0.5           | 4.6        | SSW        | -                 |
| 09   | 25    | 13.3            | 19.2       | 10.1       | 17.6             | 18.3 | 19.3 | 20.9 | 21.7 | 20.6         | 91.6   | 0.0         | 8.4               | 0.3           | 4.4        | ESE        | -                 |
| 09   | 26    | 12.4            | 15.0       | 10.0       | 16.7             | 17.6 | 18.9 | 20.7 | 21.5 | 20.6         | 95.6   | 0.0         | 4.1               | 0.1           | 2.2        | WNW        | -                 |
| 09   | 27    | 14.0            | 22.0       | 9.6        | 17.4             | 17.7 | 18.8 | 20.5 | 21.3 | 20.5         | 77.3   | 0.0         | 16.4              | 0.6           | 4.6        | W          | -                 |
| 09   | 28    | 13.8            | 22.2       | 8.2        | 17.4             | 17.9 | 18.8 | 20.3 | 21.2 | 20.5         | 72.7   | 0.0         | 20.0              | 0.7           | 4.7        | W          | -                 |
| 09   | 29    | 15.1            | 23.5       | 8.7        | 17.8             | 18.0 | 18.8 | 20.2 | 21.0 | 20.5         | 79.6   | 0.0         | 19.5              | 0.6           | 3.9        | WSW        | -                 |
| 09   | 30    | 16.9            | 21.2       | 12.1       | 17.9             | 18.2 | 19.0 | 20.1 | 20.9 | 20.4         | 90.0   | 0.0         | 7.5               | 0.3           | 2.9        | W          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 512.5       |                   |               |            |            |                   |
| 平均   | Mean  | 19.1            | 24.7       | 15.1       | 21.0             | 21.3 | 22.0 | 22.5 | 21.9 | 20.2         | 89.2   | 17.1        | 13.1              | 0.5           | 4.6        |            |                   |
| 最大   | Max.  | 23.3            | 30.8       | 20.4       | 24.4             | 24.2 | 24.4 | 23.8 | 22.4 | 20.6         | 99.9   | 147.5       | 22.2              | 0.9           | 13.3       |            |                   |
| 最低   | Min.  | 12.4            | 15.0       | 7.7        | 16.7             | 17.6 | 18.8 | 20.1 | 20.9 | 19.1         | 72.7   | 0.0         | 1.7               | 0.1           | 2.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 10月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 15.4            | 19.8       | 11.1       | 18.2             | 18.4 | 19.2 | 20.1 | 20.7 | 20.4         | 82.7   | 0.0         | 7.6               | 0.4           | 4.5        | E          | -                 |
| 10   | 2     | 11.9            | 17.1       | 8.5        | 17.4             | 17.9 | 18.9 | 20.1 | 20.6 | 20.3         | 88.4   | 0.0         | 10.9              | 0.4           | 6.5        | ESE        | -                 |
| 10   | 3     | 12.0            | 19.2       | 7.9        | 17.3             | 17.7 | 18.6 | 20.0 | 20.5 | 20.3         | 70.8   | 0.0         | 16.9              | 0.6           | 7.2        | ESE        | -                 |
| 10   | 4     | 11.5            | 19.1       | 5.9        | 16.9             | 17.4 | 18.4 | 19.8 | 20.4 | 20.3         | 75.2   | 0.0         | 18.5              | 0.5           | 4.4        | SSW        | -                 |
| 10   | 5     | 10.5            | 12.1       | 8.2        | 15.3             | 16.5 | 17.8 | 19.6 | 20.3 | 20.1         | 97.7   | 23.5        | 2.3               | 0.1           | 2.0        | WSW        | -                 |
| 10   | 6     | 15.5            | 23.6       | 11.3       | 16.6             | 16.5 | 17.4 | 19.2 | 20.1 | 20.0         | 90.3   | 2.5         | 14.7              | 0.3           | 4.4        | SSW        | -                 |
| 10   | 7     | 13.5            | 22.3       | 6.6        | 17.0             | 17.2 | 18.0 | 19.1 | 20.0 | 20.0         | 74.0   | 0.0         | 17.7              | 0.7           | 5.0        | W          | -                 |
| 10   | 8     | 11.5            | 19.0       | 5.8        | 15.9             | 16.6 | 17.6 | 19.0 | 19.8 | 19.9         | 77.7   | 0.0         | 13.0              | 0.7           | 4.0        | W          | -                 |
| 10   | 9     | 12.6            | 19.4       | 7.5        | 16.1             | 16.5 | 17.4 | 18.9 | 19.7 | 19.9         | 86.4   | 0.0         | 14.4              | 0.6           | 4.5        | SW         | -                 |
| 10   | 10    | 14.4            | 23.1       | 8.9        | 16.6             | 16.8 | 17.5 | 18.7 | 19.6 | 19.8         | 81.0   | 0.0         | 17.4              | 0.7           | 4.9        | W          | -                 |
| 10   | 11    | 13.9            | 21.6       | 9.8        | 16.4             | 16.8 | 17.6 | 18.7 | 19.5 | 19.7         | 79.2   | 0.0         | 12.0              | 0.6           | 4.1        | W          | -                 |
| 10   | 12    | 13.6            | 21.1       | 8.9        | 16.5             | 16.7 | 17.5 | 18.6 | 19.4 | 19.7         | 81.9   | 0.0         | 15.8              | 0.6           | 4.2        | SW         | -                 |
| 10   | 13    | 12.5            | 16.9       | 9.5        | 15.9             | 16.4 | 17.4 | 18.6 | 19.3 | 19.6         | 89.1   | 0.0         | 7.3               | 0.4           | 3.3        | NW         | -                 |
| 10   | 14    | 14.1            | 20.4       | 9.1        | 15.9             | 16.2 | 17.1 | 18.4 | 19.2 | 19.6         | 87.0   | 0.0         | 11.3              | 0.9           | 10.7       | W          | -                 |
| 10   | 15    | 16.8            | 20.9       | 13.6       | 16.7             | 16.7 | 17.4 | 18.4 | 19.0 | 19.4         | 95.5   | 9.5         | 6.9               | 0.7           | 9.3        | ENE        | -                 |
| 10   | 16    | 18.3            | 25.3       | 13.2       | 18.2             | 17.7 | 18.1 | 18.4 | 18.9 | 19.3         | 89.1   | 3.5         | 14.9              | 0.7           | 5.0        | SSW        | -                 |
| 10   | 17    | 14.8            | 21.0       | 10.6       | 17.8             | 18.3 | 18.6 | 18.6 | 18.8 | 19.3         | 86.3   | 0.0         | 12.9              | 0.6           | 6.3        | S          | -                 |
| 10   | 18    | 13.0            | 16.3       | 10.5       | 17.0             | 17.4 | 18.3 | 18.7 | 18.8 | 19.2         | 86.8   | 0.0         | 6.5               | 0.4           | 4.3        | ESE        | -                 |
| 10   | 19    | 10.5            | 13.3       | 6.6        | 15.9             | 16.5 | 17.7 | 18.6 | 18.8 | 19.2         | 94.0   | 0.0         | 4.5               | 0.3           | 3.4        | ESE        | -                 |
| 10   | 20    | 10.4            | 12.6       | 6.8        | 14.9             | 15.6 | 16.9 | 18.4 | 18.8 | 19.1         | 92.7   | 0.0         | 3.5               | 0.1           | 2.7        | SW         | -                 |
| 10   | 21    | 11.8            | 14.0       | 9.6        | 14.9             | 15.4 | 16.6 | 18.1 | 18.7 | 19.0         | 94.8   | 3.5         | 3.4               | 0.1           | 2.2        | SE         | -                 |
| 10   | 22    | 14.8            | 20.4       | 11.7       | 15.6             | 15.6 | 16.5 | 17.9 | 18.5 | 18.9         | 98.3   | 17.0        | 6.6               | 0.3           | 7.0        | SSW        | -                 |
| 10   | 23    | 16.9            | 21.8       | 14.4       | 17.0             | 16.7 | 17.2 | 17.8 | 18.5 | 18.9         | 93.3   | 0.0         | 9.1               | 0.3           | 4.6        | W          | -                 |
| 10   | 24    | 14.6            | 17.3       | 13.5       | 16.5             | 16.7 | 17.4 | 17.9 | 18.3 | 18.8         | 98.7   | 0.0         | 3.7               | 0.3           | 4.1        | ESE        | -                 |
| 10   | 25    | 15.6            | 22.3       | 11.6       | 17.2             | 17.0 | 17.5 | 18.0 | 18.3 | 18.8         | 84.9   | 0.0         | 11.4              | 0.4           | 4.0        | SSE        | -                 |
| 10   | 26    | 10.4            | 18.2       | 3.1        | 16.5             | 16.8 | 17.6 | 18.0 | 18.2 | 18.7         | 67.8   | 0.0         | 14.1              | 0.8           | 7.2        | SSE        | -                 |
| 10   | 27    | 8.0             | 16.6       | 1.9        | 14.7             | 15.5 | 16.6 | 17.9 | 18.2 | 18.7         | 71.4   | 0.0         | 16.3              | 0.6           | 4.9        | SW         | -                 |
| 10   | 28    | 8.6             | 16.4       | 2.7        | 14.3             | 14.9 | 16.0 | 17.6 | 18.2 | 18.6         | 84.8   | 0.0         | 15.3              | 0.6           | 4.6        | SW         | -                 |
| 10   | 29    | 11.2            | 20.2       | 5.2        | 14.5             | 14.8 | 15.7 | 17.3 | 18.1 | 18.6         | 75.9   | 0.0         | 15.4              | 0.6           | 4.1        | WSW        | -                 |
| 10   | 30    | 10.0            | 13.9       | 6.6        | 13.9             | 14.5 | 15.6 | 17.1 | 18.0 | 18.5         | 91.7   | 0.5         | 5.0               | 0.2           | 4.1        | SSW        | -                 |
| 10   | 31    | 13.3            | 21.1       | 8.5        | 15.1             | 15.0 | 15.7 | 16.9 | 17.9 | 18.5         | 83.8   | 0.5         | 12.7              | 0.6           | 6.6        | W          | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 60.5        |                   |               |            |            |                   |
| 平均   | Mean  | 13.0            | 18.9       | 8.7        | 16.2             | 16.5 | 17.4 | 18.5 | 19.1 | 19.4         | 85.5   | 2.0         | 11.0              | 0.5           | 5.0        |            |                   |
| 最大   | Max.  | 18.3            | 25.3       | 14.4       | 18.2             | 18.4 | 19.2 | 20.1 | 20.7 | 20.4         | 98.7   | 23.5        | 18.5              | 0.9           | 10.7       |            |                   |
| 最低   | Min.  | 8.0             | 12.1       | 1.9        | 13.9             | 14.5 | 15.6 | 16.9 | 17.9 | 18.5         | 67.8   | 0.0         | 2.3               | 0.1           | 2.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2011年 11月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 11.5            | 20.5       | 6.0        | 14.7             | 15.0 | 15.8 | 16.9 | 17.7 | 18.4         | 66.5   | 0.0         | 15.0              | 0.7           | 3.8        | WSW        | -                 |
| 11   | 2     | 10.8            | 20.2       | 4.2        | 14.1             | 14.5 | 15.4 | 16.7 | 17.6 | 18.4         | 75.6   | 0.0         | 13.4              | 0.5           | 4.2        | SW         | -                 |
| 11   | 3     | 12.5            | 19.1       | 9.6        | 14.0             | 14.4 | 15.4 | 16.6 | 17.5 | 18.3         | 80.3   | 0.0         | 5.2               | 0.3           | 2.6        | NW         | -                 |
| 11   | 4     | 13.2            | 20.7       | 8.6        | 14.4             | 14.4 | 15.2 | 16.5 | 17.4 | 18.3         | 81.2   | 0.0         | 13.6              | 0.6           | 3.9        | SW         | -                 |
| 11   | 5     | 13.1            | 17.9       | 8.5        | 14.1             | 14.4 | 15.3 | 16.4 | 17.3 | 18.2         | 88.4   | 1.8         | 7.1               | 0.3           | 3.1        | W          | -                 |
| 11   | 6     | 13.6            | 17.3       | 11.4       | 14.6             | 14.7 | 15.4 | 16.3 | 17.2 | 18.1         | 96.7   | 4.5         | 4.6               | 0.2           | 3.6        | W          | -                 |
| 11   | 7     | 14.0            | 21.7       | 10.9       | 15.1             | 15.0 | 15.6 | 16.3 | 17.1 | 18.0         | 82.4   | 0.3         | 10.3              | 0.6           | 5.3        | WNW        | -                 |
| 11   | 8     | 10.1            | 15.5       | 4.3        | 14.6             | 14.9 | 15.8 | 16.4 | 17.0 | 18.0         | 80.9   | 0.0         | 8.5               | 0.5           | 4.5        | E          | -                 |
| 11   | 9     | 7.1             | 14.5       | 2.4        | 12.6             | 13.5 | 14.8 | 16.3 | 17.0 | 18.0         | 80.1   | 0.0         | 8.4               | 0.4           | 3.6        | SSW        | -                 |
| 11   | 10    | 8.4             | 14.2       | 4.4        | 12.8             | 13.2 | 14.3 | 16.0 | 16.9 | 17.9         | 84.1   | 0.0         | 9.8               | 0.4           | 4.1        | SE         | -                 |
| 11   | 11    | 7.6             | 8.5        | 6.9        | 11.9             | 12.7 | 14.1 | 15.8 | 16.8 | 17.8         | 99.0   | 27.3        | 1.6               | 0.1           | 2.8        | SSE        | -                 |
| 11   | 12    | 11.9            | 18.7       | 7.2        | 12.8             | 12.8 | 13.8 | 15.5 | 16.7 | 17.7         | 90.9   | 0.0         | 9.7               | 0.5           | 3.9        | SSW        | -                 |
| 11   | 13    | 13.0            | 19.5       | 8.4        | 13.8             | 13.7 | 14.3 | 15.3 | 16.6 | 17.7         | 84.2   | 0.0         | 11.3              | 0.6           | 3.7        | S          | -                 |
| 11   | 14    | 11.3            | 18.1       | 7.7        | 13.7             | 13.9 | 14.6 | 15.4 | 16.4 | 17.6         | 85.0   | 0.0         | 7.3               | 0.3           | 3.2        | SSW        | -                 |
| 11   | 15    | 7.6             | 14.9       | 2.2        | 12.9             | 13.3 | 14.3 | 15.4 | 16.3 | 17.6         | 82.2   | 0.0         | 12.5              | 0.7           | 5.8        | SE         | -                 |
| 11   | 16    | 5.3             | 13.7       | 0.1        | 11.6             | 12.4 | 13.6 | 15.2 | 16.3 | 17.5         | 72.4   | 0.0         | 13.1              | 0.7           | 4.8        | E          | -                 |
| 11   | 17    | 8.7             | 18.4       | 3.1        | 11.2             | 11.8 | 13.0 | 14.9 | 16.2 | 17.5         | 51.9   | 0.0         | 12.9              | 0.8           | 7.6        | NW         | -                 |
| 11   | 18    | 6.7             | 14.1       | 1.4        | 10.4             | 11.2 | 12.5 | 14.6 | 16.1 | 17.4         | 72.8   | 0.0         | 8.2               | 0.4           | 5.8        | SW         | -                 |
| 11   | 19    | 10.8            | 15.6       | 9.6        | 10.7             | 11.2 | 12.3 | 14.3 | 15.9 | 17.3         | 92.8   | 50.5        | 1.6               | 0.8           | 9.1        | NNE        | -                 |
| 11   | 20    | 13.3            | 21.6       | 4.9        | 12.6             | 12.2 | 12.7 | 13.9 | 15.7 | 17.2         | 85.4   | 0.3         | 12.0              | 0.6           | 6.7        | WNW        | -                 |
| 11   | 21    | 5.0             | 13.6       | -0.3       | 11.0             | 11.7 | 12.8 | 14.0 | 15.5 | 17.2         | 75.8   | 0.0         | 11.3              | 0.6           | 6.7        | SSW        | -                 |
| 11   | 22    | 3.8             | 12.4       | -1.1       | 9.7              | 10.5 | 11.9 | 13.9 | 15.4 | 17.2         | 72.2   | 0.0         | 12.4              | 0.7           | 4.5        | SW         | -                 |
| 11   | 23    | 5.8             | 13.8       | 0.2        | 9.7              | 10.2 | 11.4 | 13.6 | 15.3 | 17.1         | 78.3   | 0.0         | 11.4              | 0.7           | 4.0        | ESE        | -                 |
| 11   | 24    | 7.2             | 14.5       | 0.3        | 9.8              | 10.3 | 11.4 | 13.3 | 15.2 | 17.0         | 56.4   | 0.0         | 12.5              | 1.4           | 9.8        | WNW        | -                 |
| 11   | 25    | 4.2             | 13.6       | -0.6       | 8.9              | 9.6  | 10.9 | 13.1 | 15.0 | 17.0         | 61.6   | 0.0         | 12.3              | 0.8           | 5.5        | W          | -                 |
| 11   | 26    | 3.2             | 12.0       | -2.2       | 8.3              | 9.1  | 10.4 | 12.8 | 14.9 | 16.9         | 70.7   | 0.0         | 11.9              | 0.7           | 4.0        | SW         | -                 |
| 11   | 27    | 5.8             | 14.0       | -0.6       | 8.0              | 8.7  | 10.0 | 12.5 | 14.7 | 16.8         | 63.6   | 0.0         | 8.1               | 0.3           | 2.8        | WNW        | -                 |
| 11   | 28    | 9.0             | 12.7       | 6.4        | 8.1              | 8.7  | 9.9  | 12.2 | 14.6 | 16.7         | 65.3   | 0.0         | 3.7               | 0.2           | 3.1        | NW         | -                 |
| 11   | 29    | 11.0            | 18.2       | 7.5        | 9.2              | 9.3  | 10.2 | 12.1 | 14.4 | 16.7         | 63.6   | 0.0         | 7.1               | 0.3           | 2.8        | NW         | -                 |
| 11   | 30    | 11.2            | 18.9       | 6.8        | 10.0             | 9.9  | 10.6 | 12.1 | 14.2 | 16.6         | 72.4   | 0.0         | 10.3              | 0.6           | 4.0        | SSE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 84.5        |                   |               |            |            |                   |
| 平均   | Mean  | 9.2             | 16.3       | 4.6        | 11.8             | 12.2 | 13.3 | 14.8 | 16.2 | 17.5         | 77.1   | 2.8         | 9.6               | 0.5           | 4.6        |            |                   |
| 最大   | Max.  | 14.0            | 21.7       | 11.4       | 15.1             | 15.0 | 15.8 | 16.9 | 17.7 | 18.4         | 99.0   | 50.5        | 15.0              | 1.4           | 9.8        |            |                   |
| 最低   | Min.  | 3.2             | 8.5        | -2.2       | 8.0              | 8.7  | 9.9  | 12.1 | 14.2 | 16.6         | 51.9   | 0.0         | 1.6               | 0.1           | 2.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

降水量 (Precipitation) : 1~30

2011年 12月

## 气象月報

秩父演習林栃本

## Monthly Report of Meteorological Data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 4.1             | 9.3        | 1.0        | 9.2              | 9.8 | 10.9 | 12.1 | 14.0 | 16.5         | 99.5   |             | 0.8               | 0.7           | 4.7        | ESE        | -                 |
| 12   | 2     | 0.4             | 1.4        | -0.7       | 7.1              | 8.3 | 9.9  | 12.1 | 13.9 | 16.4         | 100.0  |             | 1.3               | 0.1           | 3.2        | ESE        | -                 |
| 12   | 3     | 6.6             | 15.8       | 0.8        | 7.0              | 7.6 | 9.0  | 11.6 | 13.8 | 16.3         | 97.2   |             | 2.2               | 0.8           | 13.9       | NW         | -                 |
| 12   | 4     | 7.7             | 14.0       | 1.7        | 8.6              | 8.6 | 9.4  | 11.2 | 13.6 | 16.2         | 66.0   |             | 11.5              | 1.2           | 8.4        | WNW        | -                 |
| 12   | 5     | 4.7             | 14.1       | -0.1       | 7.9              | 8.4 | 9.4  | 11.2 | 13.4 | 16.1         | 71.2   |             | 10.6              | 0.7           | 4.2        | NNW        | -                 |
| 12   | 6     | 1.9             | 7.5        | -0.9       | 7.0              | 7.8 | 9.0  | 11.1 | 13.3 | 16.0         | 86.5   |             | 6.6               | 0.4           | 4.9        | SE         | -                 |
| 12   | 7     | 4.2             | 12.4       | -1.0       | 7.2              | 7.6 | 8.7  | 10.9 | 13.2 | 16.0         | 85.1   |             | 10.6              | 0.7           | 5.0        | W          | -                 |
| 12   | 8     | 2.9             | 5.1        | 0.7        | 6.5              | 7.3 | 8.6  | 10.7 | 13.0 | 15.9         | 95.2   |             | 2.6               | 0.3           | 3.7        | ESE        | -                 |
| 12   | 9     | -0.2            | 5.0        | -4.8       | 5.6              | 6.7 | 8.2  | 10.5 | 12.9 | 15.8         | 94.4   |             | 3.8               | 0.3           | 5.3        | NNW        | 11.0              |
| 12   | 10    | -0.7            | 6.8        | -5.2       | 4.9              | 5.8 | 7.4  | 10.2 | 12.7 | 15.7         | 86.1   |             | 11.0              | 0.6           | 4.2        | N          | -                 |
| 12   | 11    | 2.0             | 10.7       | -2.5       | 5.1              | 5.7 | 7.0  | 9.8  | 12.6 | 15.6         | 73.9   |             | 11.1              | 0.8           | 4.7        | WNW        | -                 |
| 12   | 12    | 3.5             | 12.8       | -1.4       | 5.4              | 5.9 | 7.1  | 9.5  | 12.4 | 15.5         | 67.9   |             | 10.9              | 0.8           | 3.5        | W          | -                 |
| 12   | 13    | 2.9             | 10.9       | -0.8       | 5.6              | 6.0 | 7.1  | 9.3  | 12.2 | 15.4         | 74.6   |             | 10.7              | 0.8           | 4.2        | WSW        | -                 |
| 12   | 14    | 1.9             | 10.5       | -2.4       | 5.3              | 5.9 | 7.0  | 9.2  | 12.1 | 15.4         | 82.5   |             | 9.2               | 0.5           | 4.4        | WSW        | -                 |
| 12   | 15    | 4.8             | 15.1       | -0.6       | 5.5              | 5.9 | 6.9  | 9.1  | 11.9 | 15.3         | 68.3   |             | 10.5              | 0.6           | 5.2        | W          | -                 |
| 12   | 16    | 2.1             | 10.3       | -2.9       | 5.4              | 5.9 | 6.9  | 9.0  | 11.7 | 15.2         | 66.4   |             | 10.2              | 1.2           | 8.9        | W          | -                 |
| 12   | 17    | -0.4            | 8.2        | -4.5       | 4.5              | 5.3 | 6.6  | 8.8  | 11.6 | 15.1         | 58.6   |             | 11.0              | 0.9           | 6.8        | WSW        | -                 |
| 12   | 18    | 0.6             | 10.3       | -4.5       | 4.1              | 4.8 | 6.1  | 8.6  | 11.5 | 15.0         | 62.8   |             | 10.6              | 0.7           | 5.2        | SW         | -                 |
| 12   | 19    | 0.2             | 7.7        | -3.4       | 4.0              | 4.7 | 5.9  | 8.4  | 11.3 | 14.9         | 74.6   |             | 9.3               | 0.6           | 4.2        | SSW        | -                 |
| 12   | 20    | 0.3             | 8.7        | -3.5       | 3.7              | 4.4 | 5.6  | 8.2  | 11.2 | 14.8         | 64.3   |             | 10.3              | 0.7           | 5.0        | SSW        | -                 |
| 12   | 21    | -0.6            | 6.1        | -4.0       | 3.4              | 4.1 | 5.4  | 7.9  | 11.0 | 14.7         | 75.4   |             | 8.9               | 0.5           | 4.3        | SSE        | -                 |
| 12   | 22    | 0.1             | 7.2        | -3.4       | 3.1              | 3.9 | 5.2  | 7.7  | 10.9 | 14.6         | 74.5   |             | 6.6               | 0.5           | 3.7        | NW         | -                 |
| 12   | 23    | -0.2            | 7.6        | -5.4       | 3.0              | 3.7 | 4.9  | 7.5  | 10.7 | 14.5         | 58.2   |             | 10.6              | 0.9           | 7.4        | WSW        | -                 |
| 12   | 24    | -1.2            | 6.9        | -5.8       | 2.9              | 3.5 | 4.8  | 7.4  | 10.6 | 14.5         | 55.1   |             | 11.5              | 0.8           | 4.6        | SW         | -                 |
| 12   | 25    | -1.1            | 5.0        | -4.7       | 2.3              | 3.2 | 4.5  | 7.2  | 10.4 | 14.4         | 56.7   |             | 6.8               | 0.9           | 8.2        | W          | -                 |
| 12   | 26    | -2.1            | 4.1        | -6.1       | 2.0              | 2.8 | 4.2  | 7.0  | 10.3 | 14.3         | 53.7   |             | 9.9               | 1.4           | 12.7       | W          | -                 |
| 12   | 27    | -2.2            | 6.9        | -7.4       | 1.7              | 2.5 | 3.9  | 6.7  | 10.1 | 14.2         | 56.0   |             | 10.8              | 0.8           | 4.7        | W          | -                 |
| 12   | 28    | -1.2            | 7.9        | -6.3       | 1.9              | 2.5 | 3.7  | 6.5  | 9.9  | 14.1         | 56.8   |             | 10.6              | 0.8           | 4.9        | WSW        | -                 |
| 12   | 29    | -0.4            | 8.7        | -5.6       | 2.2              | 2.7 | 3.8  | 6.3  | 9.8  | 14.0         | 67.8   |             | 9.7               | 0.6           | 5.2        | WSW        | -                 |
| 12   | 30    | -0.6            | 7.1        | -5.1       | 2.3              | 2.8 | 3.8  | 6.2  | 9.6  | 13.9         | 57.9   |             | 11.0              | 0.9           | 7.7        | W          | -                 |
| 12   | 31    | -0.8            | 8.4        | -5.4       | 2.0              | 2.6 | 3.7  | 6.1  | 9.5  | 13.8         | 53.8   |             | 10.8              | 0.8           | 4.1        | WSW        | -                 |
| 計    | Total |                 |            |            |                  |     |      |      |      |              |        |             |                   |               |            |            |                   |
| 平均   | Mean  | 1.3             | 8.8        | -3.0       | 4.7              | 5.4 | 6.6  | 9.0  | 11.8 | 15.2         | 72.3   |             | 8.8               | 0.7           | 5.7        |            | 11.0              |
| 最大   | Max.  | 7.7             | 15.8       | 1.7        | 9.2              | 9.8 | 10.9 | 12.1 | 14.0 | 16.5         | 100.0  |             | 11.5              | 1.4           | 13.9       |            | 11.0              |
| 最低   | Min.  | -2.2            | 1.4        | -7.4       | 1.7              | 2.5 | 3.7  | 6.1  | 9.5  | 13.8         | 53.7   |             | 0.8               | 0.1           | 3.2        |            | 11.0              |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 01月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -0.7            | 6.7        | -5.3       | 1.7              | 2.4 | 3.6 | 6.0 | 9.3 | 13.7         | 66.8   |             | 8.5               | 0.6           | 4.1        | SW         | -                 |
| 01   | 2     | 0.8             | 7.5        | -3.0       | 1.6              | 2.3 | 3.4 | 5.8 | 9.2 | 13.6         | 61.5   |             | 5.1               | 1.4           | 10.7       | WNW        | -                 |
| 01   | 3     | -0.4            | 8.8        | -5.9       | 1.7              | 2.2 | 3.3 | 5.7 | 9.1 | 13.5         | 52.2   |             | 10.7              | 0.7           | 5.9        | SW         | -                 |
| 01   | 4     | -1.7            | 5.4        | -5.4       | 1.5              | 2.2 | 3.3 | 5.6 | 8.9 | 13.4         | 71.6   |             | 5.8               | 0.7           | 4.9        | NW         | -                 |
| 01   | 5     | -1.8            | 5.3        | -6.0       | 1.7              | 2.2 | 3.2 | 5.5 | 8.8 | 13.3         | 51.9   |             | 11.3              | 1.8           | 11.8       | W          | 2                 |
| 01   | 6     | -1.1            | 8.5        | -6.9       | 1.5              | 2.0 | 3.2 | 5.5 | 8.7 | 13.2         | 49.4   |             | 11.5              | 0.8           | 3.4        | W          | -                 |
| 01   | 7     | -0.5            | 6.7        | -5.7       | 1.9              | 2.3 | 3.2 | 5.3 | 8.6 | 13.1         | 53.5   |             | 11.9              | 0.8           | 6.5        | W          | -                 |
| 01   | 8     | -1.8            | 7.7        | -7.1       | 1.5              | 2.1 | 3.1 | 5.3 | 8.5 | 13.0         | 55.9   |             | 11.0              | 0.9           | 4.6        | WSW        | -                 |
| 01   | 9     | -0.2            | 8.8        | -5.1       | 1.9              | 2.2 | 3.1 | 5.2 | 8.3 | 12.9         | 63.0   |             | 10.9              | 0.7           | 4.3        | WSW        | -                 |
| 01   | 10    | 0.3             | 7.9        | -4.3       | 1.7              | 2.2 | 3.1 | 5.1 | 8.2 | 12.8         | 60.6   |             | 9.6               | 0.8           | 4.0        | W          | -                 |
| 01   | 11    | -0.1            | 9.2        | -4.9       | 2.2              | 2.4 | 3.2 | 5.1 | 8.1 | 12.7         | 62.7   |             | 10.3              | 1.3           | 7.8        | WSW        | -                 |
| 01   | 12    | -3.2            | 5.7        | -9.0       | 1.7              | 2.3 | 3.2 | 5.1 | 8.0 | 12.6         | 49.7   |             | 11.9              | 1.0           | 4.9        | SW         | -                 |
| 01   | 13    | 0.2             | 10.4       | -7.2       | 1.7              | 2.1 | 3.0 | 5.0 | 8.0 | 12.5         | 52.5   |             | 12.0              | 0.9           | 4.6        | W          | -                 |
| 01   | 14    | -0.4            | 6.9        | -4.9       | 2.3              | 2.5 | 3.2 | 4.9 | 7.9 | 12.4         | 59.6   |             | 11.3              | 0.9           | 4.7        | S          | -                 |
| 01   | 15    | -1.2            | 5.2        | -5.6       | 1.5              | 2.1 | 3.1 | 4.9 | 7.8 | 12.3         | 62.3   |             | 8.1               | 0.5           | 3.4        | SW         | -                 |
| 01   | 16    | -1.5            | 1.5        | -4.3       | 1.1              | 1.8 | 2.9 | 4.9 | 7.7 | 12.3         | 67.8   |             | 4.1               | 0.3           | 3.1        | SSW        | -                 |
| 01   | 17    | -0.5            | 7.1        | -4.9       | 2.3              | 2.3 | 3.0 | 4.8 | 7.6 | 12.2         | 63.7   |             | 11.3              | 0.6           | 4.8        | S          | -                 |
| 01   | 18    | -0.9            | 8.3        | -6.4       | 2.0              | 2.3 | 3.1 | 4.8 | 7.6 | 12.1         | 62.4   |             | 12.2              | 0.7           | 4.6        | SW         | -                 |
| 01   | 19    | 1.0             | 8.6        | -3.3       | 1.9              | 2.3 | 3.1 | 4.8 | 7.5 | 12.0         | 67.7   |             | 7.5               | 0.6           | 3.4        | S          | -                 |
| 01   | 20    | -1.5            | 0.1        | -2.6       | 2.1              | 2.5 | 3.3 | 4.8 | 7.4 | 11.9         | 98.1   |             | 0.4               | 0.1           | 2.5        | ESE        | 23                |
| 01   | 21    | -0.6            | 2.6        | -2.8       | 1.8              | 2.3 | 3.2 | 4.8 | 7.4 | 11.8         | 97.4   |             | 1.5               | 0.0           | 1.3        | SSW        | -                 |
| 01   | 22    | 1.5             | 6.1        | -0.3       | 1.7              | 2.2 | 3.2 | 4.8 | 7.3 | 11.7         | 96.2   |             | 5.8               | 0.2           | 3.1        | NW         | -                 |
| 01   | 23    | 0.5             | 4.3        | -2.6       | 1.6              | 2.1 | 3.1 | 4.8 | 7.2 | 11.6         | 97.1   |             | 3.4               | 0.4           | 4.3        | ENE        | -                 |
| 01   | 24    | -3.2            | 3.8        | -7.6       | 1.6              | 2.1 | 3.1 | 4.8 | 7.2 | 11.5         | 80.0   |             | 7.1               | 0.7           | 4.0        | W          | 3                 |
| 01   | 25    | -2.3            | 5.4        | -6.6       | 1.3              | 1.9 | 3.0 | 4.7 | 7.2 | 11.5         | 60.4   |             | 11.0              | 1.2           | 10.3       | WNW        | -                 |
| 01   | 26    | -4.1            | 3.3        | -8.2       | 0.8              | 1.6 | 2.8 | 4.7 | 7.1 | 11.4         | 60.5   |             | 10.5              | 1.0           | 9.3        | W          | -                 |
| 01   | 27    | -3.4            | 5.1        | -8.4       | 0.3              | 1.2 | 2.5 | 4.6 | 7.1 | 11.3         | 67.4   |             | 10.4              | 1.0           | 7.3        | WNW        | -                 |
| 01   | 28    | -3.8            | 3.8        | -7.9       | 0.3              | 1.0 | 2.2 | 4.5 | 7.0 | 11.3         | 65.9   |             | 12.2              | 0.9           | 6.1        | SW         | -                 |
| 01   | 29    | -4.0            | 4.0        | -8.6       | 0.3              | 0.9 | 2.1 | 4.3 | 7.0 | 11.2         | 55.5   |             | 13.7              | 1.3           | 10.6       | W          | -                 |
| 01   | 30    | -3.7            | 3.9        | -9.3       | 0.1              | 0.7 | 1.9 | 4.2 | 6.9 | 11.1         | 54.8   |             | 12.7              | 1.0           | 7.6        | WSW        | -                 |
| 01   | 31    | -2.7            | 6.2        | -8.6       | 0.2              | 0.7 | 1.8 | 4.1 | 6.8 | 11.1         | 52.4   |             | 14.3              | 1.4           | 12.2       | W          | -                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        |             |                   |               |            |            |                   |
| 平均   | Mean  | -1.3            | 6.0        | -5.8       | 1.5              | 2.0 | 3.0 | 5.0 | 7.8 | 12.3         | 65.2   |             | 9.3               | 0.8           | 5.8        |            | 9.3               |
| 最大   | Max.  | 1.5             | 10.4       | -0.3       | 2.3              | 2.5 | 3.6 | 6.0 | 9.3 | 13.7         | 98.1   |             | 14.3              | 1.8           | 12.2       |            | 23.0              |
| 最低   | Min.  | -4.1            | 0.1        | -9.3       | 0.1              | 0.7 | 1.8 | 4.1 | 6.8 | 11.1         | 49.4   |             | 0.4               | 0.0           | 1.3        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 02月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日  | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|----|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |    | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |    | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1  | -1.0            | 2.7        | -4.3       | -0.1             | 0.6 | 1.7 | 3.9 | 6.7 | 11.0         | 51.2   |             | 4.7               | 2.4           | 13.0       | WNW        | —                 |
| 02   | 2  | -5.2            | -0.4       | -8.9       | -0.2             | 0.4 | 1.6 | 3.8 | 6.6 | 11.0         | 48.0   |             | 7.9               | 1.5           | 8.8        | W          | —                 |
| 02   | 3  | -4.3            | 4.9        | -10.4      | -0.3             | 0.3 | 1.5 | 3.7 | 6.6 | 10.9         | 47.9   |             | 14.8              | 1.0           | 4.0        | WSW        | —                 |
| 02   | 4  | -1.0            | 9.4        | -7.9       | 0.1              | 0.4 | 1.4 | 3.6 | 6.5 | 10.8         | 49.5   |             | 14.7              | 1.0           | 5.9        | W          | —                 |
| 02   | 5  | -0.5            | 7.9        | -6.5       | 0.6              | 0.7 | 1.5 | 3.5 | 6.4 | 10.8         | 59.8   |             | 13.2              | 0.8           | 4.1        | SW         | —                 |
| 02   | 6  | -0.8            | 4.1        | -4.9       | 0.2              | 0.6 | 1.6 | 3.4 | 6.3 | 10.7         | 87.7   |             | 4.6               | 0.5           | 3.7        | E          | —                 |
| 02   | 7  | 3.3             | 7.6        | -0.2       | 1.1              | 0.8 | 1.4 | 3.1 | 6.0 | 10.5         | 99.0   |             | 3.7               | 0.2           | 3.9        | NNE        | —                 |
| 02   | 8  | 1.3             | 7.2        | -4.3       | 2.8              | 2.3 | 2.1 | 2.9 | 5.6 | 10.4         | 67.8   |             | 14.9              | 1.0           | 5.8        | SE         | —                 |
| 02   | 9  | -1.7            | 5.6        | -6.6       | 1.8              | 2.0 | 2.4 | 3.1 | 5.5 | 10.3         | 47.8   |             | 14.8              | 1.1           | 10.5       | WSW        | —                 |
| 02   | 10 | -0.9            | 6.8        | -6.2       | 1.4              | 1.6 | 2.2 | 3.3 | 5.4 | 10.2         | 54.5   |             | 11.9              | 0.7           | 5.2        | SW         | —                 |
| 02   | 11 | -0.8            | 7.7        | -5.8       | 1.8              | 1.8 | 2.3 | 3.3 | 5.4 | 10.1         | 57.2   |             | 15.7              | 0.9           | 4.6        | SSW        | —                 |
| 02   | 12 | -0.8            | 7.9        | -6.0       | 2.1              | 2.0 | 2.5 | 3.4 | 5.4 | 10.0         | 55.6   |             | 16.1              | 1.1           | 7.0        | SW         | —                 |
| 02   | 13 | -0.7            | 7.4        | -6.0       | 2.0              | 2.0 | 2.5 | 3.5 | 5.4 | 9.9          | 71.0   |             | 11.0              | 0.5           | 4.6        | S          | —                 |
| 02   | 14 | -0.5            | 4.5        | -3.5       | 1.8              | 2.0 | 2.6 | 3.5 | 5.4 | 9.8          | 93.2   |             | 4.0               | 0.2           | 3.4        | S          | 1                 |
| 02   | 15 | 1.5             | 8.4        | -1.6       | 2.3              | 2.2 | 2.7 | 3.5 | 5.4 | 9.7          | 92.1   |             | 6.4               | 0.2           | 3.3        | SE         | 4                 |
| 02   | 16 | -1.8            | 2.5        | -4.0       | 2.0              | 2.2 | 2.8 | 3.6 | 5.3 | 9.6          | 86.8   |             | 5.3               | 0.3           | 2.9        | SE         | —                 |
| 02   | 17 | -2.3            | 6.8        | -6.7       | 2.5              | 2.4 | 2.9 | 3.7 | 5.4 | 9.6          | 79.3   |             | 13.2              | 0.9           | 9.1        | SSW        | 1                 |
| 02   | 18 | -5.0            | -0.7       | -9.6       | 1.6              | 2.2 | 2.9 | 3.8 | 5.4 | 9.5          | 63.2   |             | 6.9               | 0.9           | 9.0        | W          | —                 |
| 02   | 19 | -3.4            | 6.0        | -10.5      | 1.3              | 1.6 | 2.4 | 3.8 | 5.4 | 9.5          | 47.8   |             | 16.5              | 0.9           | 5.0        | WSW        | —                 |
| 02   | 20 | -0.4            | 9.0        | -7.6       | 2.1              | 2.0 | 2.5 | 3.7 | 5.4 | 9.4          | 49.4   |             | 17.7              | 0.9           | 4.0        | WSW        | —                 |
| 02   | 21 | 2.3             | 13.0       | -4.8       | 3.0              | 2.7 | 2.9 | 3.7 | 5.4 | 9.3          | 49.4   |             | 16.5              | 0.8           | 4.6        | SW         | —                 |
| 02   | 22 | 3.2             | 10.3       | -2.3       | 4.2              | 3.6 | 3.6 | 3.8 | 5.3 | 9.3          | 66.3   |             | 15.2              | 0.7           | 4.6        | SSE        | —                 |
| 02   | 23 | 3.1             | 11.0       | -0.3       | 3.9              | 3.8 | 4.0 | 4.1 | 5.3 | 9.2          | 96.9   |             | 6.8               | 0.4           | 4.2        | E          | —                 |
| 02   | 24 | 5.2             | 14.6       | -0.8       | 4.9              | 4.4 | 4.3 | 4.3 | 5.3 | 9.1          | 64.6   |             | 17.0              | 0.8           | 5.8        | E          | —                 |
| 02   | 25 | 0.9             | 2.8        | -0.3       | 3.7              | 4.1 | 4.6 | 4.6 | 5.3 | 9.0          | 97.7   |             | 0.4               | 0.0           | 1.9        | ENE        | —                 |
| 02   | 26 | -0.3            | 4.5        | -3.1       | 2.6              | 3.0 | 3.9 | 4.6 | 5.4 | 9.0          | 88.3   |             | 3.9               | 0.4           | 4.3        | E          | —                 |
| 02   | 27 | -1.6            | 5.8        | -6.9       | 2.9              | 3.0 | 3.6 | 4.6 | 5.4 | 9.0          | 59.6   |             | 17.2              | 0.9           | 6.7        | SSW        | 5(注)              |
| 02   | 28 | -2.1            | 5.7        | -8.5       | 2.6              | 2.8 | 3.5 | 4.5 | 5.5 | 8.9          | 62.8   |             | 15.9              | 0.8           | 5.2        | SSE        | —                 |
| 02   | 29 | -0.9            | 2.8        | -3.8       | 2.0              | 2.6 | 3.4 | 4.4 | 5.5 | 8.9          | 93.5   |             | 1.8               | 0.1           | 3.1        | SE         | 15                |

| 計  | Total |      |      |       |      |     |     |     |     |      |      |  |      |     |      |  |      |
|----|-------|------|------|-------|------|-----|-----|-----|-----|------|------|--|------|-----|------|--|------|
| 平均 | Mean  | -0.5 | 6.4  | -5.3  | 1.9  | 2.1 | 2.7 | 3.7 | 5.6 | 9.8  | 68.5 |  | 10.8 | 0.8 | 5.4  |  | 4.3  |
| 最大 | Max.  | 5.2  | 14.6 | -0.2  | 4.9  | 4.4 | 4.6 | 4.6 | 6.7 | 11.0 | 99.0 |  | 17.7 | 2.4 | 13.0 |  | 15.0 |
| 最低 | Min.  | -5.2 | -0.7 | -10.5 | -0.3 | 0.3 | 1.4 | 2.9 | 5.3 | 8.9  | 47.8 |  | 0.4  | 0.0 | 1.9  |  | 1.0  |

代替機器観測日 (The date of observation by alternative hardwares)

(注)27日の積雪深は24日、25日の降雪によるもの

2012年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 3.1             | 10.4       | -2.3       | 2.6              | 2.6 | 3.2 | 4.3 | 5.5 | 8.8          | 90.3   |             | 15.1              | 0.3           | 3.9        | SW         | —                 |
| 03   | 2     | 1.5             | 3.3        | 0.2        | 2.3              | 2.6 | 3.3 | 4.2 | 5.4 | 8.7          | 99.8   |             | 1.9               | 0.1           | 3.0        | E          | —                 |
| 03   | 3     | 3.5             | 11.3       | 0.1        | 4.5              | 3.7 | 3.7 | 4.2 | 5.4 | 8.7          | 82.3   |             | 16.8              | 0.6           | 5.4        | SE         | —                 |
| 03   | 4     | 0.1             | 1.8        | -1.0       | 4.0              | 4.2 | 4.5 | 4.4 | 5.3 | 8.6          | 87.5   |             | 3.9               | 0.5           | 4.2        | ESE        | —                 |
| 03   | 5     | 0.7             | 3.7        | -1.5       | 2.7              | 3.2 | 4.0 | 4.6 | 5.3 | 8.6          | 98.5   |             | 2.6               | 0.2           | 4.4        | NW         | 25                |
| 03   | 6     | 7.6             | 17.3       | 2.3        | 3.8              | 3.4 | 3.6 | 4.4 | 5.3 | 8.5          | 92.5   |             | 15.1              | 0.7           | 4.7        | NW         | —                 |
| 03   | 7     | 6.1             | 12.0       | 3.6        | 5.0              | 4.6 | 4.5 | 4.4 | 5.2 | 8.4          | 88.5   |             | 7.5               | 0.4           | 3.7        | SSW        | —                 |
| 03   | 8     | 4.0             | 5.8        | 2.9        | 4.9              | 4.8 | 4.9 | 4.7 | 5.2 | 8.3          | 96.6   |             | 2.9               | 0.2           | 3.2        | ESE        | —                 |
| 03   | 9     | 1.9             | 3.6        | -0.1       | 4.2              | 4.4 | 4.9 | 4.9 | 5.2 | 8.2          | 99.7   |             | 2.3               | 0.1           | 2.8        | SSE        | —                 |
| 03   | 10    | 1.1             | 5.0        | -0.1       | 2.9              | 3.5 | 4.4 | 5.0 | 5.3 | 8.2          | 97.0   |             | 7.1               | 0.2           | 3.0        | ESE        | —                 |
| 03   | 11    | 0.9             | 6.7        | -2.1       | 2.3              | 2.8 | 3.8 | 4.9 | 5.4 | 8.2          | 95.1   |             | 9.1               | 0.5           | 4.2        | ESE        | —                 |
| 03   | 12    | -0.9            | 5.6        | -5.9       | 1.9              | 2.4 | 3.4 | 4.7 | 5.4 | 8.2          | 74.0   |             | 12.9              | 1.0           | 9.1        | W          | 2                 |
| 03   | 13    | -0.3            | 7.7        | -6.1       | 2.9              | 2.7 | 3.3 | 4.5 | 5.4 | 8.1          | 61.0   |             | 19.2              | 1.1           | 6.8        | SW         | —                 |
| 03   | 14    | 0.3             | 7.3        | -5.6       | 4.0              | 3.6 | 3.9 | 4.4 | 5.4 | 8.1          | 74.3   |             | 17.2              | 0.7           | 4.8        | SSE        | —                 |
| 03   | 15    | 1.7             | 9.9        | -3.7       | 4.3              | 4.1 | 4.2 | 4.5 | 5.4 | 8.1          | 55.8   |             | 18.2              | 1.0           | 7.3        | W          | —                 |
| 03   | 16    | 1.1             | 9.9        | -5.9       | 4.0              | 4.0 | 4.3 | 4.6 | 5.4 | 8.0          | 58.0   |             | 15.9              | 0.6           | 5.6        | SE         | —                 |
| 03   | 17    | 2.4             | 7.7        | -0.8       | 4.3              | 4.2 | 4.5 | 4.7 | 5.4 | 8.0          | 92.0   |             | 7.3               | 0.7           | 3.9        | ENE        | —                 |
| 03   | 18    | 5.4             | 8.0        | 3.4        | 4.5              | 4.5 | 4.8 | 4.8 | 5.3 | 8.0          | 97.9   |             | 3.3               | 0.1           | 3.4        | WNW        | —                 |
| 03   | 19    | 3.5             | 12.3       | -2.4       | 6.1              | 5.4 | 5.2 | 5.0 | 5.4 | 7.9          | 63.5   |             | 21.3              | 1.2           | 6.6        | S          | —                 |
| 03   | 20    | 2.4             | 11.8       | -3.9       | 6.2              | 5.9 | 5.8 | 5.2 | 5.4 | 7.9          | 61.7   |             | 19.3              | 0.7           | 4.6        | SE         | —                 |
| 03   | 21    | 1.9             | 9.8        | -2.9       | 6.1              | 5.8 | 5.9 | 5.5 | 5.5 | 7.9          | 47.0   |             | 22.7              | 1.2           | 9.5        | WSW        | —                 |
| 03   | 22    | 4.3             | 12.8       | -3.0       | 4.9              | 5.2 | 5.7 | 5.6 | 5.5 | 7.9          | 50.1   |             | 9.6               | 0.7           | 8.5        | N          | —                 |
| 03   | 23    | 3.6             | 6.1        | 1.3        | 4.5              | 4.8 | 5.4 | 5.6 | 5.6 | 7.9          | 88.2   |             | 4.1               | 0.6           | 3.4        | ESE        | —                 |
| 03   | 24    | 4.1             | 10.3       | -0.5       | 5.2              | 5.0 | 5.4 | 5.6 | 5.7 | 7.9          | 90.2   |             | 8.5               | 0.7           | 6.9        | N          | —                 |
| 03   | 25    | 2.2             | 8.4        | -1.8       | 4.9              | 5.0 | 5.4 | 5.7 | 5.7 | 7.9          | 58.2   |             | 14.2              | 1.5           | 10.4       | WNW        | —                 |
| 03   | 26    | 0.7             | 7.2        | -3.4       | 4.5              | 4.7 | 5.2 | 5.7 | 5.8 | 7.9          | 52.6   |             | 17.6              | 1.0           | 10.0       | WSW        | —                 |
| 03   | 27    | 3.7             | 13.4       | -4.2       | 5.6              | 5.2 | 5.3 | 5.6 | 5.8 | 7.9          | 50.5   |             | 23.3              | 0.9           | 4.7        | S          | —                 |
| 03   | 28    | 3.7             | 12.6       | -1.3       | 5.3              | 5.4 | 5.7 | 5.7 | 5.8 | 7.8          | 64.5   |             | 10.9              | 1.0           | 7.4        | NW         | —                 |
| 03   | 29    | 7.2             | 18.8       | -2.1       | 6.5              | 5.9 | 5.8 | 5.8 | 5.9 | 7.8          | 44.8   |             | 23.7              | 0.9           | 6.1        | WSW        | —                 |
| 03   | 30    | 10.8            | 19.0       | 3.7        | 7.9              | 7.1 | 6.8 | 6.0 | 5.9 | 7.8          | 43.3   |             | 18.6              | 1.9           | 10.3       | W          | —                 |
| 03   | 31    | 8.1             | 12.4       | -0.6       | 7.7              | 7.6 | 7.5 | 6.4 | 5.9 | 7.8          | 80.3   |             | 5.8               | 2.9           | 17.0       | WNW        | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        |             |                   |               |            |            |                   |
| 平均   | Mean  | 3.1             | 9.4        | -1.4       | 4.5              | 4.5 | 4.8 | 5.0 | 5.5 | 8.1          | 75.3   |             | 12.2              | 0.8           | 6.1        |            | 13.5              |
| 最大   | Max.  | 10.8            | 19.0       | 3.7        | 7.9              | 7.6 | 7.5 | 6.4 | 5.9 | 8.8          | 99.8   |             | 23.7              | 2.9           | 17.0       |            | 25.0              |
| 最低   | Min.  | -0.9            | 1.8        | -6.1       | 1.9              | 2.4 | 3.2 | 4.2 | 5.2 | 7.8          | 43.3   |             | 1.9               | 0.1           | 2.8        |            | 2.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 04月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 3.2             | 13.4       | -3.1       | 7.6              | 7.3  | 7.3  | 6.7  | 6.0 | 7.8          | 67.7   | 0.0         | 24.7              | 0.9           | 8.9        | SE         | —                 |
| 04   | 2     | 4.7             | 13.9       | -2.9       | 8.0              | 7.6  | 7.5  | 6.8  | 6.1 | 7.8          | 69.9   | 0.0         | 22.6              | 0.7           | 5.5        | SSE        | —                 |
| 04   | 3     | 6.0             | 13.4       | -0.5       | 7.2              | 7.4  | 7.6  | 7.0  | 6.2 | 7.8          | 83.9   | 44.5        | 9.5               | 2.6           | 23.1       | WNW        | —                 |
| 04   | 4     | 5.4             | 9.9        | 1.9        | 7.3              | 7.3  | 7.5  | 7.2  | 6.3 | 7.8          | 37.0   | 0.0         | 22.3              | 3.3           | 17.5       | W          | —                 |
| 04   | 5     | 8.8             | 16.8       | 4.3        | 8.2              | 7.7  | 7.6  | 7.2  | 6.4 | 7.7          | 44.2   | 0.0         | 21.5              | 2.0           | 13.0       | WNW        | —                 |
| 04   | 6     | 4.5             | 11.4       | -0.6       | 8.1              | 8.1  | 8.1  | 7.4  | 6.5 | 7.7          | 47.9   | 0.0         | 19.0              | 1.6           | 12.7       | W          | —                 |
| 04   | 7     | 1.2             | 9.3        | -3.3       | 6.7              | 7.1  | 7.6  | 7.5  | 6.6 | 7.7          | 58.4   | 0.0         | 14.6              | 0.8           | 6.3        | SE         | —                 |
| 04   | 8     | 4.0             | 13.9       | -5.0       | 7.3              | 7.0  | 7.2  | 7.4  | 6.7 | 7.8          | 55.7   | 0.0         | 25.1              | 0.8           | 5.4        | SSE        | —                 |
| 04   | 9     | 11.3            | 21.2       | 0.7        | 9.0              | 8.3  | 8.0  | 7.4  | 6.8 | 7.8          | 42.8   | 0.0         | 24.5              | 2.2           | 11.8       | WNW        | —                 |
| 04   | 10    | 11.4            | 21.1       | 3.1        | 10.0             | 9.2  | 8.8  | 7.6  | 6.8 | 7.8          | 45.5   | 0.0         | 22.7              | 0.8           | 6.4        | S          | —                 |
| 04   | 11    | 8.8             | 12.9       | 6.4        | 8.9              | 9.0  | 9.1  | 8.0  | 6.9 | 7.8          | 79.1   | 16.5        | 6.1               | 1.9           | 15.5       | WNW        | —                 |
| 04   | 12    | 12.8            | 22.1       | 5.7        | 10.9             | 9.8  | 9.2  | 8.2  | 6.9 | 7.8          | 77.8   | 0.0         | 25.1              | 0.7           | 6.1        | SE         | —                 |
| 04   | 13    | 12.3            | 21.6       | 6.0        | 12.3             | 11.3 | 10.5 | 8.5  | 7.1 | 7.8          | 72.9   | 4.0         | 20.2              | 0.8           | 6.4        | ESE        | —                 |
| 04   | 14    | 5.9             | 8.3        | 3.5        | 10.0             | 10.4 | 10.6 | 9.1  | 7.2 | 7.8          | 99.1   | 24.0        | 2.6               | 0.3           | 3.1        | ESE        | —                 |
| 04   | 15    | 8.4             | 16.0       | 2.2        | 10.5             | 10.0 | 10.0 | 9.3  | 7.4 | 7.9          | 84.4   | 0.0         | 21.8              | 0.7           | 5.1        | SE         | —                 |
| 04   | 16    | 6.9             | 9.4        | 4.5        | 10.3             | 10.4 | 10.5 | 9.4  | 7.6 | 7.9          | 91.9   | 0.0         | 6.1               | 0.3           | 3.9        | SE         | —                 |
| 04   | 17    | 8.0             | 14.6       | 5.0        | 9.8              | 9.8  | 10.1 | 9.5  | 7.7 | 7.9          | 91.4   | 1.5         | 7.9               | 0.4           | 4.8        | W          | —                 |
| 04   | 18    | 8.8             | 16.2       | 3.2        | 10.0             | 9.8  | 10.0 | 9.5  | 7.9 | 7.9          | 87.4   | 7.5         | 13.5              | 0.6           | 5.2        | ESE        | —                 |
| 04   | 19    | 8.2             | 11.3       | 5.9        | 10.3             | 10.1 | 10.2 | 9.5  | 8.0 | 7.9          | 94.0   | 2.0         | 6.8               | 0.3           | 4.4        | ESE        | —                 |
| 04   | 20    | 7.3             | 9.1        | 5.8        | 9.9              | 9.9  | 10.2 | 9.6  | 8.1 | 8.0          | 98.9   | 5.0         | 4.8               | 0.2           | 3.1        | ESE        | —                 |
| 04   | 21    | 7.2             | 11.9       | 4.8        | 9.9              | 9.8  | 10.1 | 9.7  | 8.2 | 8.0          | 98.7   | 1.0         | 6.3               | 0.5           | 4.6        | ESE        | —                 |
| 04   | 22    | 5.0             | 7.3        | 3.3        | 8.8              | 9.2  | 9.8  | 9.7  | 8.3 | 8.1          | 99.4   | 5.5         | 3.2               | 0.4           | 3.6        | ESE        | —                 |
| 04   | 23    | 8.2             | 11.2       | 5.0        | 9.2              | 9.0  | 9.5  | 9.6  | 8.3 | 8.1          | 99.5   | 2.0         | 5.2               | 0.1           | 2.4        | SE         | —                 |
| 04   | 24    | 13.6            | 23.4       | 6.5        | 11.8             | 10.7 | 10.2 | 9.6  | 8.4 | 8.2          | 73.3   | 0.0         | 23.7              | 0.9           | 9.4        | NW         | —                 |
| 04   | 25    | 12.6            | 19.7       | 6.6        | 12.8             | 12.0 | 11.5 | 9.9  | 8.4 | 8.2          | 84.2   | 0.0         | 17.4              | 0.6           | 5.8        | SE         | —                 |
| 04   | 26    | 13.2            | 16.0       | 11.5       | 12.6             | 12.2 | 12.0 | 10.3 | 8.5 | 8.3          | 92.7   | 2.0         | 5.2               | 0.9           | 9.4        | E          | —                 |
| 04   | 27    | 13.1            | 16.9       | 11.8       | 12.7             | 12.2 | 12.1 | 10.6 | 8.6 | 8.3          | 98.4   | 2.0         | 5.9               | 0.3           | 3.6        | ESE        | —                 |
| 04   | 28    | 16.0            | 25.6       | 6.8        | 14.6             | 13.4 | 12.7 | 10.9 | 8.8 | 8.4          | 74.2   | 0.0         | 25.8              | 0.6           | 5.8        | SE         | —                 |
| 04   | 29    | 17.6            | 27.1       | 8.8        | 15.6             | 14.5 | 13.7 | 11.3 | 8.9 | 8.4          | 59.3   | 0.0         | 23.6              | 0.7           | 4.9        | SSE        | —                 |
| 04   | 30    | 14.7            | 19.1       | 11.6       | 14.6             | 14.3 | 14.0 | 11.8 | 9.1 | 8.5          | 80.5   | 0.0         | 8.7               | 0.5           | 3.8        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |     |              |        | 117.5       |                   |               |            |            |                   |
| 平均   | Mean  | 9.0             | 15.5       | 4.0        | 10.2             | 9.8  | 9.8  | 8.9  | 7.5 | 8.0          | 76.3   | 3.9         | 14.9              | 0.9           | 7.4        |            |                   |
| 最大   | Max.  | 17.6            | 27.1       | 11.8       | 15.6             | 14.5 | 14.0 | 11.8 | 9.1 | 8.5          | 99.5   | 44.5        | 25.8              | 3.3           | 23.1       |            |                   |
| 最低   | Min.  | 1.2             | 7.3        | -5.0       | 6.7              | 7.0  | 7.2  | 6.7  | 6.0 | 7.7          | 37.0   | 0.0         | 2.6               | 0.1           | 2.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

降水量 (Precipitation) : 3



2012年 05月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 15.1            | 19.8       | 11.4       | 14.4             | 13.9 | 13.7 | 12.1 | 9.3  | 8.5          | 82.5   | 0.0         | 10.1              | 0.3           | 4.3        | SSE        | —                 |
| 05   | 2     | 13.2            | 14.7       | 12.4       | 13.7             | 13.6 | 13.8 | 12.2 | 9.4  | 8.5          | 99.6   | 48.5        | 2.9               | 0.2           | 3.1        | ESE        | —                 |
| 05   | 3     | 14.0            | 17.1       | 11.5       | 13.4             | 13.2 | 13.5 | 12.8 | 9.9  | 8.6          | 98.1   | 39.0        | 6.2               | 0.1           | 2.6        | SE         | —                 |
| 05   | 4     | 14.3            | 18.4       | 10.2       | 14.7             | 14.2 | 14.1 | 12.9 | 10.2 | 8.6          | 96.6   | 25.5        | 10.7              | 0.2           | 4.1        | ESE        | —                 |
| 05   | 5     | 16.9            | 24.8       | 10.2       | 15.8             | 15.0 | 14.7 | 13.2 | 10.4 | 8.8          | 61.5   | 0.0         | 23.5              | 1.2           | 9.5        | NNW        | —                 |
| 05   | 6     | 11.9            | 20.5       | 5.3        | 15.1             | 15.0 | 15.0 | 13.4 | 10.6 | 8.9          | 78.8   | 6.5         | 16.4              | 1.2           | 16.0       | NW         | —                 |
| 05   | 7     | 11.7            | 19.2       | 3.9        | 13.8             | 13.9 | 14.3 | 13.5 | 10.8 | 9.0          | 71.4   | 0.0         | 17.4              | 0.5           | 4.3        | SE         | —                 |
| 05   | 8     | 14.6            | 22.1       | 6.9        | 14.6             | 14.2 | 14.3 | 13.5 | 10.9 | 9.0          | 74.1   | 0.0         | 18.6              | 0.6           | 5.1        | ESE        | —                 |
| 05   | 9     | 13.2            | 18.0       | 10.2       | 14.3             | 14.2 | 14.5 | 13.5 | 11.0 | 9.1          | 88.0   | 1.5         | 7.8               | 0.4           | 3.9        | E          | —                 |
| 05   | 10    | 11.2            | 19.4       | 6.3        | 14.0             | 13.9 | 14.3 | 13.5 | 11.1 | 9.2          | 78.9   | 2.5         | 15.9              | 0.6           | 6.7        | WNW        | —                 |
| 05   | 11    | 10.9            | 18.2       | 4.5        | 13.5             | 13.5 | 13.9 | 13.5 | 11.2 | 9.3          | 62.2   | 0.0         | 21.3              | 0.9           | 5.4        | W          | —                 |
| 05   | 12    | 9.8             | 17.1       | 3.7        | 13.4             | 13.4 | 13.8 | 13.4 | 11.3 | 9.4          | 58.7   | 0.0         | 23.9              | 0.9           | 10.3       | W          | —                 |
| 05   | 13    | 12.0            | 21.0       | 2.9        | 14.0             | 13.6 | 13.8 | 13.4 | 11.4 | 9.5          | 54.3   | 0.0         | 27.9              | 0.9           | 6.8        | ESE        | —                 |
| 05   | 14    | 14.7            | 22.3       | 7.2        | 15.0             | 14.4 | 14.3 | 13.4 | 11.5 | 9.6          | 69.1   | 0.0         | 23.2              | 0.7           | 6.6        | SE         | —                 |
| 05   | 15    | 12.6            | 14.7       | 11.2       | 14.1             | 14.3 | 14.6 | 13.6 | 11.5 | 9.7          | 94.3   | 5.5         | 2.1               | 0.7           | 7.0        | E          | —                 |
| 05   | 16    | 16.2            | 24.8       | 10.9       | 15.3             | 14.5 | 14.4 | 13.6 | 11.6 | 9.7          | 69.3   | 0.5         | 23.7              | 0.6           | 4.7        | SE         | —                 |
| 05   | 17    | 15.4            | 21.1       | 10.1       | 15.3             | 15.0 | 15.0 | 13.8 | 11.6 | 9.8          | 70.3   | 0.0         | 15.4              | 0.6           | 4.5        | ESE        | —                 |
| 05   | 18    | 12.8            | 20.8       | 6.8        | 15.0             | 14.8 | 14.9 | 14.0 | 11.6 | 9.9          | 76.6   | 16.0        | 19.4              | 0.8           | 8.5        | W          | —                 |
| 05   | 19    | 15.4            | 24.4       | 6.4        | 15.6             | 15.0 | 15.0 | 14.1 | 11.8 | 10.0         | 58.6   | 0.0         | 27.7              | 0.8           | 5.5        | SW         | —                 |
| 05   | 20    | 15.2            | 21.0       | 10.4       | 15.9             | 15.6 | 15.5 | 14.2 | 11.9 | 10.1         | 72.5   | 0.0         | 15.5              | 0.4           | 4.9        | ESE        | —                 |
| 05   | 21    | 15.3            | 22.9       | 9.5        | 16.3             | 15.7 | 15.6 | 14.4 | 12.0 | 10.1         | 66.3   | 0.0         | 23.0              | 0.7           | 6.1        | ESE        | —                 |
| 05   | 22    | 10.5            | 12.6       | 8.5        | 14.8             | 15.1 | 15.6 | 14.5 | 12.1 | 10.2         | 91.5   | 7.0         | 5.4               | 0.3           | 3.4        | ESE        | —                 |
| 05   | 23    | 15.3            | 24.1       | 8.6        | 16.3             | 15.4 | 15.3 | 14.5 | 12.1 | 10.3         | 86.2   | 0.5         | 25.9              | 0.7           | 5.4        | ESE        | —                 |
| 05   | 24    | 17.2            | 25.5       | 9.0        | 17.0             | 16.4 | 16.1 | 14.7 | 12.3 | 10.3         | 68.4   | 0.0         | 21.9              | 0.6           | 4.2        | ESE        | —                 |
| 05   | 25    | 14.7            | 19.3       | 11.3       | 16.3             | 16.2 | 16.3 | 14.9 | 12.3 | 10.4         | 91.0   | 2.5         | 7.3               | 0.1           | 2.8        | W          | —                 |
| 05   | 26    | 15.8            | 23.5       | 9.0        | 17.1             | 16.4 | 16.2 | 15.1 | 12.5 | 10.5         | 70.6   | 0.0         | 26.5              | 0.7           | 6.1        | ESE        | —                 |
| 05   | 27    | 15.8            | 22.7       | 9.5        | 17.1             | 16.8 | 16.6 | 15.2 | 12.6 | 10.6         | 72.7   | 0.5         | 19.1              | 0.5           | 4.6        | SE         | —                 |
| 05   | 28    | 14.8            | 23.6       | 9.6        | 16.9             | 16.6 | 16.6 | 15.4 | 12.7 | 10.6         | 82.0   | 0.5         | 18.1              | 0.5           | 9.2        | SE         | —                 |
| 05   | 29    | 15.3            | 23.4       | 8.5        | 16.7             | 16.5 | 16.6 | 15.5 | 12.8 | 10.7         | 80.8   | 53.5        | 21.9              | 0.7           | 6.1        | ESE        | —                 |
| 05   | 30    | 14.9            | 20.8       | 8.7        | 16.4             | 16.0 | 16.3 | 15.8 | 13.0 | 10.8         | 85.5   | 0.5         | 21.3              | 0.5           | 5.8        | ESE        | —                 |
| 05   | 31    | 15.5            | 20.9       | 12.4       | 16.9             | 16.6 | 16.7 | 15.7 | 13.2 | 10.8         | 89.1   | 3.5         | 12.6              | 0.5           | 4.1        | ESE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 214.0       |                   |               |            |            |                   |
| 平均   | Mean  | 14.1            | 20.6       | 8.6        | 15.2             | 14.9 | 15.0 | 14.0 | 11.5 | 9.7          | 77.4   | 6.9         | 17.2              | 0.6           | 5.8        |            |                   |
| 最大   | Max.  | 17.2            | 25.5       | 12.4       | 17.1             | 16.8 | 16.7 | 15.8 | 13.2 | 10.8         | 99.6   | 53.5        | 27.9              | 1.2           | 16.0       |            |                   |
| 最低   | Min.  | 9.8             | 12.6       | 2.9        | 13.4             | 13.2 | 13.5 | 12.1 | 9.3  | 8.5          | 54.3   | 0.0         | 2.1               | 0.1           | 2.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 06月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 15.2            | 20.4       | 11.2       | 17.0             | 16.7 | 16.8 | 15.8 | 13.2 | 10.9         | 90.8   | 8.0         | 15.0              | 0.6           | 4.9        | WSW        | —                 |
| 06   | 2     | 14.9            | 20.1       | 10.3       | 16.7             | 16.6 | 16.8 | 16.0 | 13.3 | 11.0         | 88.6   | 7.5         | 14.9              | 0.5           | 4.3        | ESE        | —                 |
| 06   | 3     | 14.1            | 18.6       | 11.6       | 16.4             | 16.3 | 16.7 | 16.0 | 13.4 | 11.1         | 95.2   | 3.0         | 9.3               | 0.2           | 3.4        | SE         | —                 |
| 06   | 4     | 17.5            | 25.5       | 10.1       | 17.8             | 17.1 | 16.9 | 16.0 | 13.6 | 11.2         | 77.6   | 0.0         | 26.9              | 0.5           | 4.5        | SSE        | —                 |
| 06   | 5     | 15.9            | 20.0       | 12.9       | 17.5             | 17.3 | 17.4 | 16.2 | 13.7 | 11.3         | 88.4   | 0.0         | 10.5              | 0.4           | 4.3        | ESE        | —                 |
| 06   | 6     | 13.5            | 15.9       | 11.2       | 16.4             | 16.5 | 17.0 | 16.3 | 13.7 | 11.4         | 96.6   | 8.5         | 5.7               | 0.3           | 4.0        | E          | —                 |
| 06   | 7     | 16.1            | 21.9       | 10.2       | 16.8             | 16.4 | 16.8 | 16.3 | 13.8 | 11.5         | 86.3   | 0.0         | 18.9              | 0.5           | 4.6        | SE         | —                 |
| 06   | 8     | 18.5            | 25.0       | 11.8       | 18.0             | 17.3 | 17.3 | 16.3 | 13.9 | 11.6         | 81.9   | 3.0         | 19.6              | 0.5           | 4.8        | SE         | —                 |
| 06   | 9     | 14.8            | 16.3       | 13.5       | 17.0             | 17.1 | 17.5 | 16.5 | 14.0 | 11.6         | 98.9   | 11.0        | 3.8               | 0.3           | 3.0        | ESE        | —                 |
| 06   | 10    | 16.7            | 21.1       | 13.3       | 17.2             | 16.9 | 17.2 | 16.5 | 14.0 | 11.7         | 94.5   | 0.5         | 10.2              | 0.1           | 2.8        | WSW        | —                 |
| 06   | 11    | 15.6            | 17.8       | 13.9       | 17.1             | 17.0 | 17.4 | 16.6 | 14.2 | 11.8         | 98.1   | 1.0         | 4.5               | 0.4           | 3.6        | ESE        | —                 |
| 06   | 12    | 12.3            | 14.2       | 11.1       | 15.9             | 16.2 | 17.0 | 16.6 | 14.2 | 11.9         | 100.0  | 9.5         | 2.0               | 0.3           | 2.9        | E          | —                 |
| 06   | 13    | 13.0            | 15.7       | 10.8       | 15.5             | 15.6 | 16.4 | 16.5 | 14.3 | 12.0         | 96.6   | 0.5         | 7.8               | 0.2           | 3.7        | ESE        | —                 |
| 06   | 14    | 16.4            | 22.7       | 12.4       | 17.4             | 16.6 | 16.7 | 16.3 | 14.4 | 12.0         | 88.6   | 0.0         | 24.6              | 0.5           | 4.9        | ESE        | —                 |
| 06   | 15    | 16.3            | 21.5       | 13.3       | 17.6             | 17.3 | 17.4 | 16.4 | 14.4 | 12.1         | 91.4   | 0.0         | 10.5              | 0.3           | 4.6        | ESE        | —                 |
| 06   | 16    | 15.0            | 16.2       | 14.0       | 16.9             | 16.9 | 17.4 | 16.6 | 14.4 | 12.2         | 99.6   | 2.0         | 3.3               | 0.5           | 3.7        | ESE        | —                 |
| 06   | 17    | 18.8            | 27.0       | 14.8       | 17.7             | 17.1 | 17.3 | 16.6 | 14.4 | 12.2         | 92.2   | 7.0         | 15.4              | 0.3           | 3.5        | ENE        | —                 |
| 06   | 18    | 19.7            | 25.7       | 14.8       | 18.4             | 17.9 | 17.9 | 16.8 | 14.5 | 12.3         | 86.1   | 0.0         | 15.2              | 0.3           | 3.5        | SE         | —                 |
| 06   | 19    | 17.9            | 18.9       | 16.9       | 17.7             | 17.8 | 18.1 | 17.0 | 14.5 | 12.3         | 98.9   | 98.5        | 2.2               | 0.4           | 3.7        | E          | —                 |
| 06   | 20    | 22.0            | 29.0       | 17.2       | 19.3             | 18.4 | 18.4 | 17.6 | 15.1 | 12.7         | 80.7   | 0.0         | 15.2              | 0.5           | 7.3        | NW         | —                 |
| 06   | 21    | 18.8            | 23.4       | 15.6       | 19.1             | 18.9 | 19.0 | 17.8 | 15.2 | 12.8         | 82.2   | 0.0         | 10.4              | 0.3           | 3.1        | W          | —                 |
| 06   | 22    | 18.3            | 22.2       | 16.2       | 18.7             | 18.5 | 18.9 | 18.1 | 15.4 | 12.9         | 95.5   | 44.5        | 9.0               | 0.3           | 3.3        | ESE        | —                 |
| 06   | 23    | 18.4            | 23.4       | 15.4       | 19.7             | 19.2 | 19.3 | 18.2 | 15.6 | 13.1         | 87.1   | 0.0         | 13.9              | 0.3           | 3.8        | ESE        | —                 |
| 06   | 24    | 19.1            | 25.4       | 14.6       | 20.6             | 20.0 | 19.8 | 18.3 | 15.6 | 13.1         | 84.3   | 0.0         | 17.3              | 0.5           | 4.8        | ESE        | —                 |
| 06   | 25    | 14.3            | 16.3       | 13.1       | 18.9             | 19.2 | 19.7 | 18.5 | 15.7 | 13.2         | 97.1   | 0.0         | 5.8               | 0.4           | 3.4        | ESE        | —                 |
| 06   | 26    | 15.8            | 22.9       | 12.0       | 18.8             | 18.7 | 19.1 | 18.5 | 15.8 | 13.3         | 84.4   | 0.0         | 18.2              | 0.4           | 4.7        | SE         | —                 |
| 06   | 27    | 17.0            | 23.4       | 10.7       | 19.5             | 19.1 | 19.2 | 18.5 | 15.9 | 13.3         | 80.2   | 0.0         | 23.4              | 0.6           | 5.4        | ESE        | —                 |
| 06   | 28    | 16.9            | 21.9       | 12.0       | 19.3             | 19.2 | 19.5 | 18.5 | 16.0 | 13.4         | 84.7   | 0.0         | 13.6              | 0.4           | 4.5        | ESE        | —                 |
| 06   | 29    | 18.4            | 26.1       | 12.1       | 20.1             | 19.6 | 19.6 | 18.6 | 16.1 | 13.5         | 77.0   | 0.0         | 23.2              | 0.5           | 5.3        | ESE        | —                 |
| 06   | 30    | 19.4            | 25.7       | 14.1       | 20.9             | 20.3 | 20.1 | 18.7 | 16.1 | 13.5         | 80.5   | 0.0         | 19.5              | 0.7           | 5.0        | SE         | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 204.5       |                   |               |            |            |                   |
| 平均   | Mean  | 16.7            | 21.5       | 13.0       | 18.0             | 17.7 | 17.9 | 17.1 | 14.6 | 12.2         | 89.5   | 6.8         | 13.0              | 0.4           | 4.2        |            |                   |
| 最大   | Max.  | 22.0            | 29.0       | 17.2       | 20.9             | 20.3 | 20.1 | 18.7 | 16.1 | 13.5         | 100.0  | 98.5        | 26.9              | 0.7           | 7.3        |            |                   |
| 最低   | Min.  | 12.3            | 14.2       | 10.1       | 15.5             | 15.6 | 16.4 | 15.8 | 13.2 | 10.9         | 77.0   | 0.0         | 2.0               | 0.1           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 07月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 16.8            | 17.9       | 16.1       | 19.3             | 19.6 | 20.1 | 18.9 | 16.2 | 13.5         | 98.3   | 3.5         | 2.8               | 0.1           | 3.3        | ESE        | —                 |
| 07   | 2     | 19.1            | 24.0       | 15.9       | 19.9             | 19.4 | 19.7 | 18.9 | 16.2 | 13.6         | 91.9   | 0.5         | 11.7              | 0.2           | 4.4        | SE         | —                 |
| 07   | 3     | 18.0            | 21.5       | 15.7       | 19.7             | 19.6 | 20.0 | 18.9 | 16.3 | 13.7         | 93.8   | 2.0         | 7.4               | 0.2           | 3.2        | WSW        | —                 |
| 07   | 4     | 21.9            | 29.5       | 16.0       | 21.7             | 20.6 | 20.2 | 19.0 | 16.3 | 13.7         | 83.2   | 0.5         | 23.0              | 0.4           | 4.7        | SE         | —                 |
| 07   | 5     | 21.6            | 26.5       | 18.4       | 22.0             | 21.4 | 21.2 | 19.3 | 16.4 | 13.8         | 86.4   | 0.0         | 12.5              | 0.3           | 3.7        | SW         | —                 |
| 07   | 6     | 20.0            | 25.2       | 17.7       | 20.8             | 20.7 | 21.1 | 19.6 | 16.4 | 13.8         | 91.0   | 18.5        | 7.7               | 0.2           | 3.1        | W          | —                 |
| 07   | 7     | 18.7            | 21.8       | 16.7       | 19.5             | 19.7 | 20.5 | 19.7 | 16.4 | 13.8         | 98.4   | 23.0        | 5.2               | 0.3           | 5.3        | ESE        | —                 |
| 07   | 8     | 18.9            | 24.6       | 16.4       | 20.4             | 20.1 | 20.4 | 19.7 | 16.7 | 13.9         | 94.1   | 9.0         | 14.1              | 0.3           | 4.6        | ESE        | —                 |
| 07   | 9     | 19.7            | 22.7       | 17.1       | 21.1             | 20.7 | 20.9 | 19.8 | 16.8 | 14.0         | 93.4   | 1.5         | 12.0              | 0.4           | 4.0        | ESE        | —                 |
| 07   | 10    | 21.6            | 27.3       | 16.5       | 22.3             | 21.5 | 21.3 | 19.9 | 16.9 | 14.1         | 87.0   | 0.0         | 22.4              | 0.5           | 4.3        | SE         | —                 |
| 07   | 11    | 22.5            | 27.9       | 16.3       | 23.0             | 22.3 | 22.0 | 20.1 | 17.0 | 14.2         | 78.4   | 0.0         | 23.7              | 1.0           | 9.9        | WSW        | —                 |
| 07   | 12    | 21.2            | 24.8       | 19.4       | 21.2             | 21.4 | 22.0 | 20.6 | 17.1 | 14.2         | 92.7   | 33.5        | 5.1               | 0.9           | 10.8       | NW         | —                 |
| 07   | 13    | 22.1            | 26.3       | 18.7       | 21.8             | 21.5 | 21.8 | 20.7 | 17.4 | 14.4         | 91.1   | 0.5         | 10.3              | 0.2           | 7.8        | W          | —                 |
| 07   | 14    | 22.9            | 27.7       | 19.4       | 22.6             | 22.0 | 22.1 | 20.7 | 17.5 | 14.5         | 91.4   | 1.0         | 12.3              | 0.2           | 3.2        | SW         | —                 |
| 07   | 15    | 23.6            | 29.8       | 20.2       | 22.9             | 22.4 | 22.5 | 20.9 | 17.6 | 14.6         | 85.2   | 0.0         | 14.3              | 0.3           | 3.9        | ESE        | —                 |
| 07   | 16    | 25.9            | 32.6       | 20.7       | 24.0             | 23.1 | 22.9 | 21.1 | 17.7 | 14.7         | 74.1   | 0.0         | 24.4              | 0.5           | 4.7        | SW         | —                 |
| 07   | 17    | 25.0            | 33.1       | 19.5       | 24.3             | 23.6 | 23.4 | 21.4 | 17.8 | 14.7         | 78.6   | 9.5         | 20.3              | 0.5           | 5.9        | WSW        | —                 |
| 07   | 18    | 24.3            | 31.8       | 19.7       | 24.6             | 23.9 | 23.8 | 21.7 | 17.8 | 14.8         | 87.3   | 12.5        | 18.7              | 0.4           | 5.7        | ESE        | —                 |
| 07   | 19    | 24.1            | 32.3       | 18.4       | 25.0             | 24.3 | 24.0 | 22.0 | 18.0 | 14.9         | 83.4   | 0.0         | 23.8              | 0.6           | 4.9        | ESE        | —                 |
| 07   | 20    | 17.4            | 19.9       | 15.2       | 22.6             | 23.1 | 23.6 | 22.3 | 18.2 | 14.9         | 98.2   | 10.5        | 4.7               | 0.2           | 3.8        | ESE        | —                 |
| 07   | 21    | 15.3            | 16.7       | 14.1       | 20.2             | 20.9 | 22.0 | 22.2 | 18.4 | 15.0         | 98.6   | 0.5         | 5.2               | 0.3           | 3.7        | ESE        | —                 |
| 07   | 22    | 17.3            | 20.7       | 14.8       | 20.1             | 20.5 | 21.3 | 21.8 | 18.6 | 15.1         | 95.8   | 2.0         | 8.1               | 0.2           | 3.1        | ESE        | —                 |
| 07   | 23    | 20.4            | 25.5       | 16.9       | 21.3             | 21.1 | 21.4 | 21.5 | 18.7 | 15.2         | 91.9   | 0.5         | 14.2              | 0.2           | 3.9        | ESE        | —                 |
| 07   | 24    | 22.0            | 28.6       | 17.3       | 22.3             | 21.9 | 22.0 | 21.4 | 18.7 | 15.3         | 88.3   | 0.0         | 14.4              | 0.2           | 3.4        | S          | —                 |
| 07   | 25    | 23.7            | 30.4       | 18.8       | 23.2             | 22.6 | 22.5 | 21.6 | 18.7 | 15.4         | 84.1   | 0.0         | 18.1              | 0.5           | 5.5        | SE         | —                 |
| 07   | 26    | 25.3            | 32.7       | 19.7       | 24.2             | 23.5 | 23.0 | 21.8 | 18.8 | 15.5         | 78.4   | 0.0         | 23.9              | 0.5           | 5.3        | SE         | —                 |
| 07   | 27    | 26.2            | 33.6       | 20.0       | 25.2             | 24.3 | 23.8 | 22.0 | 18.9 | 15.6         | 76.9   | 0.0         | 25.2              | 0.5           | 4.0        | SSW        | —                 |
| 07   | 28    | 25.8            | 32.3       | 20.8       | 25.1             | 24.6 | 24.4 | 22.4 | 19.0 | 15.7         | 81.1   | 35.5        | 18.6              | 0.5           | 3.9        | S          | —                 |
| 07   | 29    | 24.7            | 31.4       | 20.5       | 24.6             | 24.1 | 24.1 | 22.8 | 19.0 | 15.7         | 87.9   | 0.5         | 20.5              | 0.3           | 4.0        | SSE        | —                 |
| 07   | 30    | 24.8            | 30.8       | 20.8       | 25.5             | 24.8 | 24.6 | 23.0 | 19.2 | 15.8         | 86.7   | 0.5         | 21.2              | 0.5           | 4.6        | ESE        | —                 |
| 07   | 31    | 24.0            | 31.8       | 17.4       | 25.4             | 24.9 | 24.8 | 23.2 | 19.4 | 15.9         | 74.0   | 0.0         | 27.0              | 0.6           | 5.0        | WSW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 165.5       |                   |               |            |            |                   |
| 平均   | Mean  | 21.8            | 27.1       | 17.9       | 22.4             | 22.1 | 22.2 | 20.9 | 17.7 | 14.6         | 87.8   | 5.3         | 15.2              | 0.4           | 4.8        |            |                   |
| 最大   | Max.  | 26.2            | 33.6       | 20.8       | 25.5             | 24.9 | 24.8 | 23.2 | 19.4 | 15.9         | 98.6   | 35.5        | 27.0              | 1.0           | 10.8       |            |                   |
| 最低   | Min.  | 15.3            | 16.7       | 14.1       | 19.3             | 19.4 | 19.7 | 18.9 | 16.2 | 13.5         | 74.0   | 0.0         | 2.8               | 0.1           | 3.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 08月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 23.3            | 29.5       | 16.1       | 24.5             | 24.3 | 24.5 | 23.3 | 19.6 | 16.0         | 77.9   | 0.0         | 21.7              | 0.5           | 3.7        | S          | —                 |
| 08   | 2     | 25.3            | 32.1       | 20.4       | 25.4             | 24.8 | 24.7 | 23.3 | 19.8 | 16.1         | 78.2   | 0.0         | 23.4              | 0.5           | 5.0        | SSE        | —                 |
| 08   | 3     | 24.2            | 30.7       | 19.2       | 25.2             | 24.8 | 24.9 | 23.5 | 20.0 | 16.2         | 75.9   | 0.0         | 23.7              | 0.5           | 4.5        | S          | —                 |
| 08   | 4     | 23.3            | 29.5       | 17.8       | 24.8             | 24.5 | 24.8 | 23.5 | 20.1 | 16.4         | 81.0   | 0.0         | 18.6              | 0.6           | 4.5        | SE         | —                 |
| 08   | 5     | 24.5            | 30.7       | 18.3       | 25.2             | 24.7 | 24.8 | 23.6 | 20.3 | 16.5         | 79.6   | 0.0         | 23.9              | 0.5           | 4.6        | S          | —                 |
| 08   | 6     | 22.5            | 27.4       | 18.9       | 24.5             | 24.4 | 24.8 | 23.6 | 20.3 | 16.5         | 91.7   | 8.0         | 11.1              | 0.2           | 3.2        | SW         | —                 |
| 08   | 7     | 22.9            | 30.2       | 18.5       | 24.1             | 24.0 | 24.4 | 23.6 | 20.3 | 16.6         | 82.7   | 0.0         | 17.4              | 0.4           | 5.5        | SW         | —                 |
| 08   | 8     | 21.2            | 28.6       | 17.7       | 23.6             | 23.7 | 24.2 | 23.5 | 20.4 | 16.7         | 79.7   | 0.0         | 15.9              | 0.4           | 5.2        | SE         | —                 |
| 08   | 9     | 22.4            | 27.9       | 17.9       | 24.6             | 24.1 | 24.3 | 23.5 | 20.5 | 16.8         | 77.5   | 0.0         | 20.5              | 0.5           | 5.2        | SE         | —                 |
| 08   | 10    | 22.9            | 29.9       | 16.6       | 25.2             | 24.5 | 24.6 | 23.5 | 20.6 | 16.9         | 79.4   | 0.0         | 21.9              | 0.4           | 4.3        | SSE        | —                 |
| 08   | 11    | 21.7            | 27.8       | 18.9       | 23.2             | 23.4 | 24.1 | 23.7 | 20.6 | 16.9         | 89.2   | 79.5        | 10.3              | 0.4           | 6.8        | S          | —                 |
| 08   | 12    | 22.9            | 29.1       | 18.7       | 23.5             | 22.9 | 23.3 | 23.5 | 20.8 | 17.0         | 91.4   | 0.5         | 18.1              | 0.3           | 4.3        | SE         | —                 |
| 08   | 13    | 24.5            | 32.0       | 19.1       | 25.2             | 24.4 | 24.4 | 23.4 | 20.9 | 17.2         | 84.3   | 0.0         | 19.4              | 0.3           | 3.7        | SW         | —                 |
| 08   | 14    | 23.0            | 28.2       | 20.4       | 24.3             | 24.2 | 24.6 | 23.7 | 20.8 | 17.3         | 89.5   | 18.5        | 13.6              | 0.2           | 3.9        | SSE        | —                 |
| 08   | 15    | 22.9            | 27.4       | 20.4       | 24.4             | 24.1 | 24.6 | 23.8 | 20.8 | 17.4         | 93.2   | 0.5         | 12.4              | 0.3           | 3.9        | ESE        | —                 |
| 08   | 16    | 24.2            | 32.5       | 18.7       | 25.0             | 24.4 | 24.7 | 23.9 | 20.9 | 17.5         | 83.2   | 0.0         | 18.8              | 0.5           | 4.7        | W          | —                 |
| 08   | 17    | 23.7            | 30.5       | 19.1       | 24.5             | 24.4 | 24.9 | 24.0 | 20.9 | 17.6         | 88.8   | 29.0        | 12.6              | 0.3           | 5.4        | WSW        | —                 |
| 08   | 18    | 22.1            | 30.3       | 18.6       | 24.6             | 24.3 | 24.7 | 24.2 | 21.1 | 17.7         | 90.3   | 0.0         | 19.2              | 0.5           | 5.3        | SW         | —                 |
| 08   | 19    | 22.4            | 28.3       | 17.8       | 24.6             | 24.4 | 24.9 | 24.2 | 21.2 | 17.8         | 87.1   | 0.5         | 18.0              | 0.4           | 4.8        | SSE        | —                 |
| 08   | 20    | 23.2            | 30.9       | 17.6       | 25.1             | 24.7 | 25.0 | 24.2 | 21.3 | 17.9         | 80.1   | 0.0         | 23.6              | 0.5           | 4.0        | SSW        | —                 |
| 08   | 21    | 24.4            | 32.2       | 17.8       | 25.5             | 24.9 | 25.2 | 24.3 | 21.3 | 18.0         | 75.7   | 0.0         | 25.1              | 0.4           | 3.8        | SW         | —                 |
| 08   | 22    | 25.2            | 32.4       | 19.3       | 26.2             | 25.6 | 25.6 | 24.4 | 21.4 | 18.1         | 77.8   | 0.0         | 24.4              | 0.6           | 3.9        | SW         | —                 |
| 08   | 23    | 23.9            | 30.9       | 19.9       | 26.1             | 25.8 | 25.9 | 24.6 | 21.6 | 18.2         | 85.0   | 4.5         | 19.3              | 0.5           | 4.4        | SSW        | —                 |
| 08   | 24    | 23.4            | 31.4       | 17.8       | 25.9             | 25.6 | 25.7 | 24.7 | 21.6 | 18.3         | 82.8   | 0.0         | 23.5              | 0.4           | 3.9        | SSW        | —                 |
| 08   | 25    | 23.2            | 31.3       | 17.1       | 25.5             | 25.4 | 25.7 | 24.8 | 21.7 | 18.3         | 77.8   | 0.0         | 21.0              | 0.4           | 4.9        | WSW        | —                 |
| 08   | 26    | 23.3            | 31.1       | 17.5       | 25.5             | 25.3 | 25.6 | 24.8 | 21.8 | 18.4         | 78.5   | 0.0         | 22.2              | 0.5           | 6.2        | SW         | —                 |
| 08   | 27    | 23.5            | 31.2       | 17.5       | 25.5             | 25.2 | 25.6 | 24.8 | 21.9 | 18.5         | 76.7   | 0.0         | 22.4              | 0.5           | 3.7        | SW         | —                 |
| 08   | 28    | 23.0            | 29.3       | 17.7       | 25.2             | 25.1 | 25.5 | 24.8 | 22.1 | 18.6         | 81.6   | 0.0         | 19.1              | 0.4           | 4.6        | S          | —                 |
| 08   | 29    | 23.6            | 31.1       | 16.8       | 25.3             | 25.0 | 25.4 | 24.7 | 22.2 | 18.6         | 76.9   | 0.0         | 20.8              | 0.5           | 4.3        | SW         | —                 |
| 08   | 30    | 24.1            | 31.7       | 19.4       | 25.6             | 25.3 | 25.6 | 24.7 | 22.2 | 18.7         | 83.0   | 0.0         | 14.2              | 0.4           | 4.2        | WSW        | —                 |
| 08   | 31    | 24.0            | 30.3       | 19.3       | 25.6             | 25.4 | 25.6 | 24.7 | 22.3 | 18.8         | 81.2   | 0.0         | 16.8              | 0.5           | 4.3        | S          | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 141.0       |                   |               |            |            |                   |
| 平均   | Mean  | 23.4            | 30.2       | 18.4       | 24.9             | 24.6 | 24.9 | 24.0 | 21.0 | 17.5         | 82.5   | 4.5         | 19.1              | 0.4           | 4.5        |            |                   |
| 最大   | Max.  | 25.3            | 32.5       | 20.4       | 26.2             | 25.8 | 25.9 | 24.8 | 22.3 | 18.8         | 93.2   | 79.5        | 25.1              | 0.6           | 6.8        |            |                   |
| 最低   | Min.  | 21.2            | 27.4       | 16.1       | 23.2             | 22.9 | 23.3 | 23.3 | 19.6 | 16.0         | 75.7   | 0.0         | 10.3              | 0.2           | 3.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 09月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 20.4            | 24.8       | 18.5       | 23.6             | 24.2 | 25.1 | 24.7 | 22.2 | 18.8         | 91.5   | 14.5        | 7.4               | 0.3           | 4.2        | SW         | —                 |
| 09   | 2     | 20.3            | 25.4       | 18.5       | 23.0             | 23.2 | 24.2 | 24.5 | 22.1 | 18.8         | 95.8   | 31.0        | 10.1              | 0.2           | 3.2        | E          | —                 |
| 09   | 3     | 20.4            | 25.3       | 16.1       | 23.0             | 23.1 | 23.9 | 24.3 | 22.1 | 18.8         | 92.5   | 0.0         | 13.5              | 0.3           | 3.4        | SE         | —                 |
| 09   | 4     | 22.3            | 29.1       | 18.7       | 24.0             | 23.7 | 24.3 | 24.1 | 22.1 | 18.9         | 87.0   | 0.0         | 16.4              | 0.4           | 4.0        | SE         | —                 |
| 09   | 5     | 22.4            | 29.8       | 16.5       | 24.0             | 23.8 | 24.4 | 24.1 | 22.0 | 18.9         | 79.8   | 0.0         | 19.7              | 0.5           | 4.0        | WSW        | —                 |
| 09   | 6     | 20.8            | 27.4       | 17.5       | 23.1             | 23.3 | 24.3 | 24.1 | 22.0 | 18.9         | 92.8   | 29.0        | 10.0              | 0.3           | 4.6        | WSW        | —                 |
| 09   | 7     | 20.7            | 27.6       | 16.3       | 23.1             | 23.0 | 23.9 | 24.0 | 22.1 | 19.0         | 89.9   | 0.0         | 14.7              | 0.3           | 3.6        | S          | —                 |
| 09   | 8     | 21.7            | 27.0       | 17.7       | 23.7             | 23.5 | 24.1 | 23.9 | 22.1 | 19.0         | 89.1   | 0.0         | 16.0              | 0.5           | 4.5        | SE         | —                 |
| 09   | 9     | 21.7            | 28.6       | 16.8       | 24.1             | 23.8 | 24.3 | 23.9 | 22.0 | 19.1         | 86.0   | 0.0         | 18.6              | 0.6           | 5.2        | SSW        | —                 |
| 09   | 10    | 22.3            | 29.1       | 16.9       | 24.8             | 24.2 | 24.6 | 24.0 | 22.0 | 19.2         | 81.8   | 0.0         | 22.4              | 0.6           | 4.7        | SW         | —                 |
| 09   | 11    | 21.5            | 29.4       | 17.0       | 24.1             | 24.2 | 24.8 | 24.2 | 22.0 | 19.2         | 85.5   | 55.0        | 19.8              | 0.5           | 4.2        | S          | —                 |
| 09   | 12    | 20.7            | 27.6       | 15.7       | 22.9             | 22.9 | 23.7 | 24.2 | 22.2 | 19.3         | 86.7   | 0.0         | 20.2              | 0.4           | 4.6        | S          | —                 |
| 09   | 13    | 22.3            | 30.0       | 16.6       | 24.1             | 23.8 | 24.2 | 24.0 | 22.2 | 19.5         | 79.8   | 0.0         | 20.5              | 0.5           | 3.4        | WSW        | —                 |
| 09   | 14    | 20.3            | 26.3       | 16.7       | 23.3             | 23.5 | 24.4 | 24.1 | 22.2 | 19.5         | 88.9   | 2.0         | 11.3              | 0.4           | 3.8        | WSW        | —                 |
| 09   | 15    | 21.0            | 28.6       | 15.6       | 23.3             | 23.1 | 23.9 | 24.0 | 22.2 | 19.6         | 87.0   | 0.0         | 18.2              | 0.5           | 3.7        | SSW        | —                 |
| 09   | 16    | 21.6            | 27.9       | 16.6       | 23.7             | 23.4 | 24.1 | 23.9 | 22.1 | 19.6         | 87.0   | 0.0         | 16.7              | 0.5           | 3.7        | S          | —                 |
| 09   | 17    | 23.1            | 30.2       | 18.7       | 24.2             | 23.9 | 24.4 | 23.9 | 22.1 | 19.6         | 77.6   | 0.0         | 16.0              | 0.9           | 7.3        | W          | —                 |
| 09   | 18    | 21.8            | 28.4       | 17.7       | 23.5             | 23.4 | 24.3 | 24.0 | 22.1 | 19.6         | 82.6   | 8.5         | 13.8              | 0.6           | 5.2        | ESE        | —                 |
| 09   | 19    | 20.5            | 23.9       | 18.6       | 22.2             | 22.5 | 23.6 | 23.9 | 22.0 | 19.6         | 97.8   | 13.5        | 6.1               | 0.1           | 2.7        | ESE        | —                 |
| 09   | 20    | 21.1            | 28.0       | 17.4       | 23.2             | 23.0 | 23.7 | 23.7 | 22.0 | 19.6         | 90.9   | 1.0         | 17.0              | 0.4           | 4.0        | SSE        | —                 |
| 09   | 21    | 19.1            | 22.5       | 16.8       | 22.5             | 22.7 | 23.7 | 23.7 | 22.0 | 19.6         | 95.3   | 1.0         | 8.5               | 0.4           | 4.1        | ESE        | —                 |
| 09   | 22    | 16.8            | 19.5       | 14.6       | 21.1             | 21.7 | 23.1 | 23.6 | 22.0 | 19.7         | 95.2   | 3.0         | 5.3               | 0.4           | 3.8        | ESE        | —                 |
| 09   | 23    | 15.0            | 16.6       | 13.4       | 18.8             | 19.9 | 21.8 | 23.3 | 21.9 | 19.6         | 99.6   | 36.5        | 1.9               | 0.1           | 4.7        | E          | —                 |
| 09   | 24    | 17.4            | 25.6       | 12.3       | 19.9             | 19.9 | 21.0 | 22.7 | 22.0 | 19.7         | 87.2   | 0.0         | 18.9              | 0.3           | 3.4        | SSE        | —                 |
| 09   | 25    | 15.5            | 18.8       | 12.4       | 19.7             | 20.2 | 21.4 | 22.4 | 21.9 | 19.8         | 96.5   | 1.0         | 6.9               | 0.2           | 3.5        | ESE        | —                 |
| 09   | 26    | 15.4            | 23.5       | 10.5       | 19.8             | 20.0 | 21.1 | 22.2 | 21.8 | 19.9         | 82.1   | 0.0         | 19.6              | 0.5           | 3.5        | SW         | —                 |
| 09   | 27    | 15.3            | 22.3       | 11.5       | 19.7             | 20.0 | 21.1 | 22.1 | 21.6 | 19.9         | 82.3   | 0.0         | 14.3              | 0.4           | 4.0        | S          | —                 |
| 09   | 28    | 16.1            | 18.9       | 12.1       | 19.1             | 19.5 | 20.8 | 21.9 | 21.5 | 19.8         | 96.2   | 12.0        | 5.2               | 0.2           | 2.8        | W          | —                 |
| 09   | 29    | 19.7            | 25.7       | 15.0       | 20.8             | 20.4 | 21.1 | 21.7 | 21.4 | 19.8         | 91.2   | 0.0         | 17.0              | 0.5           | 4.8        | S          | —                 |
| 09   | 30    | 19.3            | 24.7       | 16.2       | 20.4             | 20.6 | 21.6 | 21.8 | 21.2 | 19.8         | 89.6   | 62.5        | 10.9              | 0.8           | 10.2       | ENE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 270.5       |                   |               |            |            |                   |
| 平均   | Mean  | 19.9            | 25.7       | 16.0       | 22.4             | 22.5 | 23.4 | 23.6 | 22.0 | 19.4         | 88.8   | 9.0         | 13.9              | 0.4           | 4.3        |            |                   |
| 最大   | Max.  | 23.1            | 30.2       | 18.7       | 24.8             | 24.2 | 25.1 | 24.7 | 22.2 | 19.9         | 99.6   | 62.5        | 22.4              | 0.9           | 10.2       |            |                   |
| 最低   | Min.  | 15.0            | 16.6       | 10.5       | 18.8             | 19.5 | 20.8 | 21.7 | 21.2 | 18.8         | 77.6   | 0.0         | 1.9               | 0.1           | 2.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 10月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 20.0            | 26.0       | 16.7       | 20.2             | 20.2 | 21.1 | 21.8 | 21.2 | 19.9         | 88.4   | 0.0         | 11.9              | 0.5           | 7.0        | ENE        | —                 |
| 10   | 2     | 18.0            | 21.4       | 15.9       | 20.3             | 20.4 | 21.4 | 21.8 | 21.1 | 20.0         | 93.5   | 0.0         | 6.9               | 0.5           | 4.0        | ESE        | —                 |
| 10   | 3     | 15.9            | 17.2       | 14.3       | 18.8             | 19.5 | 20.9 | 21.7 | 21.0 | 19.9         | 99.1   | 29.0        | 1.8               | 0.3           | 4.8        | E          | —                 |
| 10   | 4     | 17.1            | 24.1       | 14.2       | 17.9             | 18.3 | 19.6 | 21.3 | 20.9 | 20.0         | 93.8   | 27.0        | 10.3              | 0.2           | 2.9        | W          | —                 |
| 10   | 5     | 17.6            | 24.4       | 13.0       | 19.4             | 19.3 | 20.1 | 21.0 | 20.9 | 20.1         | 85.8   | 0.0         | 16.4              | 0.3           | 4.1        | SSE        | —                 |
| 10   | 6     | 17.2            | 22.4       | 13.7       | 19.4             | 19.5 | 20.4 | 21.0 | 20.8 | 20.0         | 90.5   | 0.0         | 12.1              | 0.4           | 5.0        | ESE        | —                 |
| 10   | 7     | 14.6            | 19.7       | 12.8       | 18.6             | 19.0 | 20.3 | 21.0 | 20.6 | 20.0         | 94.2   | 9.0         | 8.2               | 0.2           | 2.9        | WSW        | —                 |
| 10   | 8     | 13.1            | 16.2       | 10.5       | 17.7             | 18.3 | 19.8 | 20.9 | 20.6 | 19.9         | 91.5   | 0.0         | 7.2               | 0.3           | 3.0        | SE         | —                 |
| 10   | 9     | 13.4            | 19.5       | 10.7       | 17.8             | 18.1 | 19.4 | 20.7 | 20.5 | 19.9         | 87.4   | 0.0         | 12.7              | 0.3           | 4.6        | SE         | —                 |
| 10   | 10    | 13.0            | 19.1       | 9.4        | 17.7             | 18.0 | 19.2 | 20.5 | 20.4 | 19.9         | 83.7   | 0.0         | 14.7              | 0.4           | 4.7        | SSE        | —                 |
| 10   | 11    | 14.6            | 22.9       | 9.5        | 17.8             | 18.1 | 19.2 | 20.3 | 20.3 | 19.8         | 84.0   | 0.0         | 13.9              | 0.4           | 3.4        | SW         | —                 |
| 10   | 12    | 13.7            | 20.4       | 9.1        | 17.7             | 18.0 | 19.1 | 20.2 | 20.2 | 19.8         | 79.9   | 0.0         | 14.9              | 0.5           | 4.3        | S          | —                 |
| 10   | 13    | 12.6            | 22.1       | 6.2        | 17.0             | 17.5 | 18.8 | 20.1 | 20.1 | 19.7         | 74.0   | 0.0         | 16.1              | 0.7           | 4.0        | WSW        | —                 |
| 10   | 14    | 12.3            | 19.9       | 7.7        | 16.6             | 17.2 | 18.5 | 19.9 | 20.0 | 19.7         | 84.3   | 0.0         | 12.0              | 0.4           | 4.5        | SSW        | —                 |
| 10   | 15    | 14.0            | 23.0       | 8.4        | 16.9             | 17.2 | 18.3 | 19.7 | 19.9 | 19.7         | 75.7   | 0.0         | 16.9              | 0.6           | 3.5        | WSW        | —                 |
| 10   | 16    | 13.1            | 20.8       | 6.8        | 17.0             | 17.3 | 18.3 | 19.5 | 19.8 | 19.6         | 81.0   | 0.0         | 15.6              | 0.5           | 4.9        | SSW        | —                 |
| 10   | 17    | 11.1            | 19.8       | 4.9        | 15.8             | 16.5 | 17.9 | 19.4 | 19.7 | 19.6         | 84.1   | 16.5        | 12.4              | 0.5           | 5.3        | SSE        | —                 |
| 10   | 18    | 13.6            | 15.8       | 10.6       | 15.3             | 15.9 | 17.4 | 19.1 | 19.5 | 19.4         | 99.8   | 32.5        | 1.9               | 0.2           | 4.4        | E          | —                 |
| 10   | 19    | 11.2            | 18.4       | 5.5        | 15.2             | 15.6 | 16.7 | 18.6 | 19.3 | 19.4         | 84.8   | 5.0         | 17.3              | 0.5           | 4.5        | SE         | —                 |
| 10   | 20    | 10.6            | 18.3       | 5.1        | 15.0             | 15.5 | 16.8 | 18.4 | 19.2 | 19.4         | 84.7   | 0.0         | 16.7              | 0.5           | 3.7        | SW         | —                 |
| 10   | 21    | 12.7            | 22.6       | 6.2        | 15.2             | 15.6 | 16.7 | 18.3 | 19.0 | 19.3         | 73.4   | 0.0         | 16.7              | 0.6           | 3.9        | W          | —                 |
| 10   | 22    | 12.6            | 19.6       | 7.2        | 15.2             | 15.6 | 16.7 | 18.1 | 18.9 | 19.3         | 79.4   | 0.0         | 15.9              | 0.7           | 7.0        | SW         | —                 |
| 10   | 23    | 12.7            | 17.1       | 8.0        | 14.7             | 15.3 | 16.6 | 18.0 | 18.7 | 19.2         | 92.7   | 22.0        | 4.2               | 1.1           | 10.9       | NNW        | —                 |
| 10   | 24    | 9.5             | 17.1       | 4.1        | 14.3             | 14.8 | 16.1 | 17.8 | 18.6 | 19.1         | 79.8   | 0.0         | 15.0              | 0.5           | 4.3        | SSW        | —                 |
| 10   | 25    | 9.9             | 17.0       | 5.3        | 14.3             | 14.8 | 16.0 | 17.6 | 18.4 | 19.1         | 83.9   | 0.0         | 13.8              | 0.5           | 4.6        | SW         | —                 |
| 10   | 26    | 11.0            | 19.1       | 6.4        | 14.1             | 14.6 | 15.9 | 17.5 | 18.3 | 19.0         | 81.6   | 0.0         | 12.7              | 0.6           | 3.8        | W          | —                 |
| 10   | 27    | 9.4             | 12.3       | 7.4        | 13.1             | 14.0 | 15.5 | 17.3 | 18.2 | 19.0         | 97.2   | 4.5         | 2.5               | 0.1           | 2.1        | WNW        | —                 |
| 10   | 28    | 8.7             | 10.3       | 6.0        | 12.5             | 13.3 | 14.9 | 17.1 | 18.0 | 18.9         | 99.9   | 3.5         | 2.3               | 0.2           | 2.3        | SSW        | —                 |
| 10   | 29    | 10.5            | 18.8       | 4.1        | 13.3             | 13.6 | 14.8 | 16.8 | 17.9 | 18.8         | 83.5   | 0.0         | 12.5              | 0.7           | 7.5        | W          | —                 |
| 10   | 30    | 7.6             | 14.3       | 3.5        | 12.0             | 12.9 | 14.5 | 16.6 | 17.8 | 18.8         | 79.3   | 0.0         | 8.7               | 0.5           | 4.6        | WNW        | —                 |
| 10   | 31    | 6.5             | 12.2       | 3.6        | 11.0             | 12.1 | 13.9 | 16.3 | 17.7 | 18.7         | 93.6   | 2.0         | 4.2               | 0.4           | 3.1        | WNW        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 151.0       |                   |               |            |            |                   |
| 平均   | Mean  | 12.8            | 19.1       | 8.6        | 16.2             | 16.6 | 17.9 | 19.3 | 19.6 | 19.5         | 86.6   | 4.9         | 11.2              | 0.4           | 4.5        |            |                   |
| 最大   | Max.  | 20.0            | 26.0       | 16.7       | 20.3             | 20.4 | 21.4 | 21.8 | 21.2 | 20.1         | 99.9   | 32.5        | 17.3              | 1.1           | 10.9       |            |                   |
| 最低   | Min.  | 6.5             | 10.3       | 3.5        | 11.0             | 12.1 | 13.9 | 16.3 | 17.7 | 18.7         | 73.4   | 0.0         | 1.8               | 0.1           | 2.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 11月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 7.0             | 14.8       | 1.5        | 11.1             | 11.8 | 13.3 | 15.9 | 17.5 | 18.6         | 86.8   | 0.0         | 12.6              | 0.7           | 7.2        | W          | —                 |
| 11   | 2     | 7.3             | 15.7       | 1.9        | 11.4             | 11.9 | 13.3 | 15.6 | 17.3 | 18.6         | 71.9   | 0.0         | 15.2              | 0.7           | 4.1        | SW         | —                 |
| 11   | 3     | 5.6             | 15.1       | 0.5        | 10.8             | 11.6 | 13.1 | 15.4 | 17.2 | 18.5         | 77.6   | 0.0         | 12.4              | 0.7           | 3.7        | W          | —                 |
| 11   | 4     | 7.3             | 16.9       | 0.6        | 10.7             | 11.4 | 12.8 | 15.1 | 17.0 | 18.4         | 60.6   | 0.0         | 15.2              | 0.7           | 5.8        | WSW        | —                 |
| 11   | 5     | 8.4             | 15.6       | 3.1        | 11.2             | 11.6 | 12.8 | 14.9 | 16.8 | 18.4         | 77.8   | 0.0         | 12.3              | 0.5           | 6.0        | SE         | —                 |
| 11   | 6     | 9.5             | 13.3       | 7.5        | 11.9             | 12.1 | 13.2 | 14.8 | 16.6 | 18.3         | 97.6   | 2.5         | 4.8               | 0.4           | 3.7        | SW         | —                 |
| 11   | 7     | 9.2             | 18.2       | 4.3        | 11.9             | 12.3 | 13.3 | 14.8 | 16.4 | 18.2         | 75.3   | 0.0         | 12.7              | 0.8           | 7.4        | W          | —                 |
| 11   | 8     | 9.3             | 18.1       | 3.4        | 11.4             | 11.9 | 13.1 | 14.8 | 16.3 | 18.1         | 68.9   | 0.0         | 13.5              | 0.7           | 5.1        | W          | —                 |
| 11   | 9     | 9.3             | 17.5       | 3.5        | 11.6             | 12.0 | 13.1 | 14.7 | 16.1 | 18.0         | 72.3   | 0.0         | 11.6              | 0.5           | 4.0        | SW         | —                 |
| 11   | 10    | 8.4             | 17.2       | 3.3        | 11.0             | 11.6 | 12.9 | 14.6 | 16.0 | 17.9         | 66.7   | 0.0         | 12.3              | 0.7           | 5.7        | W          | —                 |
| 11   | 11    | 6.0             | 8.5        | 3.1        | 9.4              | 10.5 | 12.3 | 14.4 | 15.9 | 17.8         | 91.7   | 23.5        | 3.1               | 0.2           | 3.4        | NW         | —                 |
| 11   | 12    | 9.6             | 18.0       | 5.6        | 10.8             | 10.9 | 11.9 | 14.0 | 15.7 | 17.7         | 93.4   | 0.5         | 11.5              | 0.4           | 3.6        | WSW        | —                 |
| 11   | 13    | 8.1             | 14.4       | 3.9        | 10.8             | 11.2 | 12.3 | 13.9 | 15.6 | 17.7         | 84.6   | 0.0         | 10.8              | 0.8           | 8.2        | W          | —                 |
| 11   | 14    | 6.3             | 12.9       | 1.2        | 9.7              | 10.6 | 12.0 | 13.9 | 15.5 | 17.6         | 57.0   | 0.0         | 9.2               | 1.2           | 10.7       | WNW        | —                 |
| 11   | 15    | 4.7             | 13.4       | -0.9       | 8.5              | 9.5  | 11.2 | 13.6 | 15.4 | 17.5         | 59.8   | 0.0         | 10.1              | 0.6           | 6.0        | W          | —                 |
| 11   | 16    | 6.5             | 15.2       | 1.1        | 8.8              | 9.4  | 10.8 | 13.3 | 15.2 | 17.4         | 67.2   | 0.0         | 13.2              | 0.7           | 4.5        | WSW        | —                 |
| 11   | 17    | 7.0             | 12.4       | 1.8        | 8.0              | 9.0  | 10.6 | 13.0 | 15.0 | 17.3         | 81.2   | 27.0        | 3.9               | 1.9           | 18.3       | WNW        | —                 |
| 11   | 18    | 5.7             | 13.0       | -0.2       | 8.5              | 9.0  | 10.2 | 12.6 | 14.8 | 17.2         | 84.2   | 0.0         | 13.0              | 0.8           | 5.5        | W          | —                 |
| 11   | 19    | 1.9             | 8.9        | -1.1       | 7.3              | 8.4  | 10.0 | 12.4 | 14.6 | 17.2         | 90.8   | 0.0         | 6.6               | 0.5           | 5.8        | ESE        | —                 |
| 11   | 20    | 5.8             | 15.3       | 0.5        | 7.8              | 8.3  | 9.6  | 12.1 | 14.5 | 17.0         | 77.4   | 0.0         | 12.0              | 0.6           | 4.6        | WSW        | —                 |
| 11   | 21    | 4.6             | 13.7       | -0.7       | 7.9              | 8.5  | 9.7  | 12.0 | 14.3 | 17.0         | 69.0   | 0.0         | 12.8              | 0.6           | 5.3        | SSE        | —                 |
| 11   | 22    | 6.3             | 15.9       | 1.9        | 8.4              | 8.8  | 9.8  | 11.8 | 14.1 | 16.9         | 72.9   | 0.0         | 10.2              | 0.4           | 2.8        | SSW        | —                 |
| 11   | 23    | 6.6             | 14.1       | 2.0        | 8.2              | 8.7  | 9.8  | 11.8 | 13.9 | 16.7         | 83.2   | 0.0         | 6.2               | 0.3           | 3.4        | SSW        | —                 |
| 11   | 24    | 5.7             | 13.0       | -0.8       | 8.8              | 9.1  | 10.1 | 11.7 | 13.8 | 16.7         | 72.6   | 0.0         | 9.7               | 0.5           | 5.8        | SE         | —                 |
| 11   | 25    | 2.6             | 11.1       | -2.1       | 7.5              | 8.3  | 9.7  | 11.7 | 13.7 | 16.6         | 75.7   | 0.0         | 12.1              | 0.6           | 4.4        | SSW        | —                 |
| 11   | 26    | 3.1             | 7.0        | 0.0        | 6.5              | 7.5  | 9.1  | 11.5 | 13.5 | 16.4         | 97.2   | 17.5        | 2.0               | 0.5           | 4.4        | E          | —                 |
| 11   | 27    | 3.6             | 10.2       | -2.0       | 7.1              | 7.6  | 8.8  | 11.1 | 13.4 | 16.4         | 75.4   | 0.0         | 12.9              | 0.9           | 6.9        | WNW        | —                 |
| 11   | 28    | 0.4             | 5.4        | -2.5       | 5.5              | 6.7  | 8.4  | 11.0 | 13.3 | 16.3         | 84.8   | 0.0         | 5.2               | 0.5           | 5.0        | ESE        | —                 |
| 11   | 29    | 5.0             | 12.7       | -1.5       | 5.7              | 6.4  | 7.9  | 10.7 | 13.1 | 16.2         | 74.0   | 0.0         | 8.1               | 0.5           | 3.5        | WNW        | —                 |
| 11   | 30    | 4.0             | 8.9        | 0.6        | 6.3              | 6.9  | 8.1  | 10.4 | 12.9 | 16.1         | 91.4   | 0.0         | 6.3               | 0.5           | 4.6        | SSE        | —                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 71.0        |                   |               |            |            |                   |
| 平均   | Mean  | 6.2             | 13.5       | 1.3        | 9.2              | 9.8  | 11.1 | 13.3 | 15.2 | 17.4         | 78.0   | 2.4         | 10.1              | 0.6           | 5.6        |            |                   |
| 最大   | Max.  | 9.6             | 18.2       | 7.5        | 11.9             | 12.3 | 13.3 | 15.9 | 17.5 | 18.6         | 97.6   | 27.0        | 15.2              | 1.9           | 18.3       |            |                   |
| 最低   | Min.  | 0.4             | 5.4        | -2.5       | 5.5              | 6.4  | 7.9  | 10.4 | 12.9 | 16.1         | 57.0   | 0.0         | 2.0               | 0.2           | 2.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2012年 12月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 2.0             | 7.6        | -2.3       | 5.7              | 6.6 | 8.0 | 10.3 | 12.8 | 16.0         | 75.2   | 0.0         | 7.6               | 0.8           | 6.1        | WNW        | —                 |
| 12   | 2     | -0.8            | 4.7        | -4.8       | 4.6              | 5.7 | 7.4 | 10.1 | 12.6 | 15.9         | 75.4   | 0.5         | 8.6               | 0.6           | 4.8        | SE         | —                 |
| 12   | 3     | 1.0             | 7.9        | -3.3       | 5.0              | 5.7 | 7.1 | 9.8  | 12.5 | 15.8         | 94.9   | 0.0         | 5.6               | 0.3           | 3.4        | SW         | —                 |
| 12   | 4     | 4.0             | 12.8       | -0.2       | 5.7              | 6.2 | 7.4 | 9.6  | 12.3 | 15.7         | 87.2   | 1.0         | 5.1               | 0.7           | 10.0       | WNW        | —                 |
| 12   | 5     | 2.9             | 9.9        | -2.0       | 5.2              | 5.9 | 7.3 | 9.6  | 12.1 | 15.6         | 64.3   | 0.0         | 9.3               | 0.7           | 5.8        | SW         | —                 |
| 12   | 6     | 4.8             | 11.6       | -2.3       | 6.0              | 6.4 | 7.5 | 9.4  | 12.0 | 15.5         | 59.6   | 2.0         | 11.0              | 2.0           | 12.0       | WNW        | —                 |
| 12   | 7     | 1.3             | 9.9        | -3.3       | 4.8              | 5.7 | 7.1 | 9.4  | 11.9 | 15.4         | 58.9   | 0.0         | 10.7              | 0.6           | 7.2        | S          | —                 |
| 12   | 8     | 2.2             | 10.8       | -3.0       | 4.9              | 5.6 | 6.9 | 9.2  | 11.7 | 15.3         | 58.0   | 0.0         | 8.4               | 1.3           | 9.1        | WNW        | —                 |
| 12   | 9     | -0.8            | 5.5        | -4.2       | 3.6              | 4.8 | 6.4 | 9.0  | 11.6 | 15.2         | 45.7   | 0.0         | 8.7               | 1.2           | 9.1        | W          | —                 |
| 12   | 10    | -1.1            | 4.3        | -5.1       | 2.8              | 4.0 | 5.7 | 8.7  | 11.5 | 15.1         | 41.6   | 0.0         | 10.3              | 1.8           | 11.8       | W          | —                 |
| 12   | 11    | 1.0             | 7.8        | -3.1       | 2.8              | 3.7 | 5.3 | 8.4  | 11.3 | 15.0         | 39.7   | 0.0         | 11.1              | 1.3           | 12.5       | W          | —                 |
| 12   | 12    | 0.2             | 8.6        | -4.0       | 2.7              | 3.6 | 5.1 | 8.1  | 11.2 | 15.0         | 44.4   | 0.0         | 10.6              | 1.0           | 11.2       | W          | —                 |
| 12   | 13    | 0.2             | 8.9        | -4.1       | 2.5              | 3.4 | 4.9 | 7.8  | 11.0 | 14.9         | 40.9   | 0.0         | 11.1              | 0.7           | 7.1        | WSW        | —                 |
| 12   | 14    | 1.7             | 11.2       | -4.1       | 2.5              | 3.3 | 4.7 | 7.6  | 10.8 | 14.8         | 47.0   | 0.0         | 10.0              | 0.4           | 4.0        | SW         | —                 |
| 12   | 15    | 4.3             | 8.0        | 0.3        | 3.2              | 3.7 | 4.9 | 7.4  | 10.6 | 14.7         | 69.6   | 0.0         | 2.9               | 0.7           | 11.9       | NW         | —                 |
| 12   | 16    | 8.0             | 17.8       | 2.0        | 4.7              | 4.8 | 5.4 | 7.4  | 10.4 | 14.6         | 53.4   | 0.0         | 10.7              | 0.6           | 4.7        | W          | —                 |
| 12   | 17    | 3.3             | 6.9        | 0.5        | 4.1              | 4.6 | 5.7 | 7.5  | 10.3 | 14.4         | 79.4   | 1.5         | 4.4               | 0.2           | 2.4        | SSE        | —                 |
| 12   | 18    | 3.6             | 10.8       | -0.5       | 4.9              | 5.1 | 5.9 | 7.5  | 10.1 | 14.3         | 90.1   | 0.5         | 6.6               | 0.6           | 6.2        | E          | —                 |
| 12   | 19    | -0.7            | 6.6        | -5.1       | 4.2              | 4.8 | 5.9 | 7.6  | 10.0 | 14.2         | 63.2   | 0.0         | 10.9              | 0.8           | 5.0        | SW         | —                 |
| 12   | 20    | -1.1            | 7.6        | -6.3       | 2.6              | 3.7 | 5.2 | 7.5  | 10.0 | 14.1         | 54.5   | 0.0         | 10.5              | 0.7           | 4.2        | WSW        | —                 |
| 12   | 21    | -0.6            | 4.2        | -4.0       | 1.8              | 3.0 | 4.6 | 7.3  | 9.9  | 14.0         | 66.5   | 0.0         | 5.4               | 0.4           | 4.2        | SW         | —                 |
| 12   | 22    | 0.6             | 3.0        | -2.2       | 1.6              | 2.6 | 4.2 | 7.0  | 9.8  | 13.9         | 94.1   | 14.0        | 2.8               | 0.5           | 4.9        | NNW        | —                 |
| 12   | 23    | 0.5             | 5.9        | -2.7       | 1.9              | 2.7 | 4.0 | 6.7  | 9.6  | 13.8         | 82.2   | 0.0         | 6.3               | 0.5           | 4.0        | ESE        | —                 |
| 12   | 24    | -1.9            | 3.0        | -6.5       | 1.3              | 2.3 | 3.8 | 6.5  | 9.5  | 13.7         | 61.0   | 0.0         | 6.9               | 0.7           | 6.4        | WSW        | —                 |
| 12   | 25    | -1.3            | 7.6        | -7.4       | 1.0              | 1.9 | 3.4 | 6.3  | 9.4  | 13.6         | 64.1   | 0.0         | 11.0              | 0.6           | 4.4        | SE         | 3(注)              |
| 12   | 26    | -1.1            | 5.3        | -7.1       | 1.3              | 2.1 | 3.4 | 6.0  | 9.2  | 13.5         | 53.2   | 0.0         | 11.0              | 1.1           | 5.6        | ESE        | —                 |
| 12   | 27    | -3.1            | 6.6        | -8.9       | 0.9              | 1.9 | 3.3 | 5.9  | 9.1  | 13.4         | 58.2   | 0.0         | 11.1              | 0.6           | 3.7        | SW         | —                 |
| 12   | 28    | -1.1            | 3.8        | -4.6       | 0.3              | 1.4 | 2.9 | 5.7  | 8.9  | 13.4         | 69.7   | 3.5         | 3.1               | 0.3           | 3.8        | E          | —                 |
| 12   | 29    | 1.8             | 8.3        | -1.9       | 1.4              | 1.7 | 2.9 | 5.5  | 8.7  | 13.2         | 95.4   | 3.0         | 6.9               | 0.3           | 3.8        | SE         | —                 |
| 12   | 30    | 2.0             | 3.8        | 0.7        | 2.1              | 2.4 | 3.3 | 5.3  | 8.5  | 13.1         | 100.0  | 26.5        | 1.4               | 0.7           | 4.5        | E          | —                 |
| 12   | 31    | 2.3             | 8.3        | -2.3       | 3.0              | 3.1 | 3.7 | 5.2  | 8.2  | 13.0         | 73.0   | 0.0         | 10.2              | 0.9           | 10.8       | W          | —                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 52.5        |                   |               |            |            |                   |
| 平均   | Mean  | 1.1             | 7.7        | -3.3       | 3.2              | 4.0 | 5.3 | 7.7  | 10.6 | 14.5         | 66.5   | 1.7         | 8.1               | 0.8           | 6.6        |            |                   |
| 最大   | Max.  | 8.0             | 17.8       | 2.0        | 6.0              | 6.6 | 8.0 | 10.3 | 12.8 | 16.0         | 100.0  | 26.5        | 11.1              | 2.0           | 12.5       |            |                   |
| 最低   | Min.  | -3.1            | 3.0        | -8.9       | 0.3              | 1.4 | 2.9 | 5.2  | 8.2  | 13.0         | 39.7   | 0.0         | 1.4               | 0.2           | 2.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

(注)25日の降雪深は21日の降雪によるもの



2013年 1月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 0.0             | 8.8        | -4.6       | 2.0              | 2.7 | 3.7 | 5.3 | 8.0 | 12.9         | 55.6   | 0.0         | 11.4              | 0.7           | 7.2        | W          | —                 |
| 01   | 2     | 3.3             | 9.9        | -3.0       | 1.7              | 2.3 | 3.4 | 5.3 | 7.9 | 12.8         | 49.1   | 0.0         | 9.4               | 1.9           | 15.4       | WNW        | —                 |
| 01   | 3     | -0.9            | 3.9        | -6.3       | 1.2              | 2.0 | 3.3 | 5.2 | 7.8 | 12.6         | 50.7   | 0.0         | 4.9               | 0.9           | 7.8        | WSW        | —                 |
| 01   | 4     | -3.5            | 4.8        | -7.8       | 0.7              | 1.5 | 2.8 | 5.1 | 7.8 | 12.5         | 58.9   | 0.0         | 11.6              | 0.6           | 5.5        | SSE        | —                 |
| 01   | 5     | -4.0            | 4.6        | -8.9       | 0.3              | 1.2 | 2.6 | 5.0 | 7.7 | 12.4         | 63.0   | 0.0         | 10.9              | 0.8           | 5.1        | SSW        | —                 |
| 01   | 6     | -1.0            | 7.2        | -6.7       | 0.2              | 1.0 | 2.3 | 4.8 | 7.6 | 12.3         | 59.3   | 0.0         | 8.5               | 0.5           | 3.7        | W          | —                 |
| 01   | 7     | -1.1            | 7.7        | -6.2       | 0.5              | 1.1 | 2.2 | 4.6 | 7.5 | 12.2         | 67.4   | 0.0         | 11.5              | 0.7           | 4.3        | SW         | —                 |
| 01   | 8     | 0.6             | 9.9        | -4.5       | 0.9              | 1.3 | 2.3 | 4.5 | 7.4 | 12.1         | 62.5   | 0.0         | 11.0              | 0.6           | 4.2        | SW         | —                 |
| 01   | 9     | 0.3             | 8.1        | -4.0       | 1.3              | 1.6 | 2.5 | 4.4 | 7.2 | 12.0         | 74.1   | 0.0         | 10.3              | 0.5           | 4.0        | SSW        | —                 |
| 01   | 10    | -1.2            | 7.0        | -5.6       | 1.3              | 1.7 | 2.6 | 4.4 | 7.1 | 11.9         | 64.7   | 0.0         | 11.8              | 0.7           | 3.9        | SW         | —                 |
| 01   | 11    | -2.0            | 7.9        | -7.3       | 1.0              | 1.5 | 2.5 | 4.4 | 7.1 | 11.8         | 57.8   | 0.0         | 12.1              | 0.6           | 4.4        | SSW        | —                 |
| 01   | 12    | -0.4            | 8.4        | -6.4       | 1.0              | 1.5 | 2.4 | 4.3 | 7.0 | 11.7         | 57.1   | 0.0         | 11.9              | 0.6           | 4.6        | SW         | —                 |
| 01   | 13    | 2.8             | 11.3       | -2.6       | 1.4              | 1.7 | 2.5 | 4.3 | 6.9 | 11.6         | 47.1   | 0.0         | 10.5              | 0.5           | 3.8        | WSW        | —                 |
| 01   | 14    | -0.1            | 1.9        | -1.7       | 1.3              | 1.8 | 2.7 | 4.3 | 6.8 | 11.5         | 91.5   | 23.5        | 0.1               | 0.1           | 5.3        | NW         | —                 |
| 01   | 15    | -0.8            | 4.8        | -5.4       | 1.1              | 1.6 | 2.6 | 4.3 | 6.7 | 11.4         | 69.0   | 2.0         | 6.8               | 1.1           | 9.0        | W          | 38(注)             |
| 01   | 16    | -2.5            | 4.9        | -7.5       | 1.1              | 1.6 | 2.6 | 4.3 | 6.7 | 11.3         | 78.2   | 0.0         | 11.9              | 0.5           | 3.8        | SW         | —                 |
| 01   | 17    | -1.5            | 4.7        | -6.1       | 1.1              | 1.6 | 2.6 | 4.3 | 6.6 | 11.2         | 70.6   | 0.0         | 9.3               | 0.8           | 5.8        | WSW        | —                 |
| 01   | 18    | -3.4            | 2.4        | -8.6       | 0.9              | 1.5 | 2.6 | 4.3 | 6.5 | 11.2         | 53.8   | 0.0         | 13.0              | 1.3           | 11.2       | W          | —                 |
| 01   | 19    | -1.8            | 7.3        | -8.0       | 0.6              | 1.3 | 2.5 | 4.3 | 6.5 | 11.1         | 54.4   | 0.0         | 12.7              | 0.7           | 4.4        | WSW        | —                 |
| 01   | 20    | -0.8            | 8.4        | -5.9       | 0.6              | 1.2 | 2.4 | 4.2 | 6.4 | 11.0         | 60.8   | 0.0         | 12.8              | 0.6           | 7.1        | SW         | —                 |
| 01   | 21    | -0.5            | 7.7        | -5.9       | 0.3              | 1.0 | 2.3 | 4.2 | 6.4 | 10.9         | 57.5   | 0.0         | 10.1              | 0.4           | 4.3        | SSW        | —                 |
| 01   | 22    | 0.9             | 7.0        | -2.3       | 0.5              | 1.0 | 2.2 | 4.1 | 6.4 | 10.8         | 82.9   | 0.5         | 4.9               | 0.6           | 6.8        | NE         | —                 |
| 01   | 23    | 0.8             | 6.7        | -2.4       | 0.6              | 1.1 | 2.3 | 4.1 | 6.3 | 10.7         | 70.8   | 0.0         | 8.0               | 0.6           | 4.6        | SE         | —                 |
| 01   | 24    | 1.2             | 9.7        | -4.1       | 1.5              | 1.5 | 2.4 | 4.0 | 6.2 | 10.7         | 80.2   | 0.0         | 12.9              | 0.5           | 3.7        | S          | —                 |
| 01   | 25    | 0.9             | 6.1        | -3.3       | 1.3              | 1.7 | 2.5 | 4.0 | 6.2 | 10.6         | 48.2   | 0.0         | 10.3              | 1.7           | 11.5       | WNW        | —                 |
| 01   | 26    | -2.8            | 1.8        | -5.3       | 0.1              | 1.0 | 2.3 | 4.0 | 6.1 | 10.5         | 42.2   | 0.0         | 7.1               | 2.1           | 9.6        | W          | —                 |
| 01   | 27    | -1.1            | 6.3        | -5.4       | 0.4              | 0.9 | 2.0 | 3.9 | 6.1 | 10.5         | 44.9   | 0.0         | 13.8              | 1.0           | 7.6        | SW         | —                 |
| 01   | 28    | -1.1            | 7.1        | -6.4       | 1.3              | 1.5 | 2.1 | 3.8 | 6.0 | 10.4         | 59.4   | 0.0         | 13.9              | 0.8           | 8.2        | WSW        | —                 |
| 01   | 29    | 0.0             | 10.1       | -6.6       | 1.6              | 1.7 | 2.4 | 3.8 | 5.9 | 10.3         | 55.0   | 0.0         | 14.4              | 0.7           | 4.9        | SSW        | —                 |
| 01   | 30    | 1.2             | 10.1       | -4.1       | 1.8              | 2.0 | 2.6 | 3.8 | 5.9 | 10.2         | 53.6   | 0.0         | 13.8              | 1.0           | 13.1       | WNW        | —                 |
| 01   | 31    | 0.0             | 9.1        | -5.3       | 1.9              | 2.1 | 2.7 | 3.8 | 5.8 | 10.2         | 57.0   | 0.0         | 13.9              | 0.5           | 4.6        | S          | —                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 26.0        |                   |               |            |            |                   |
| 平均   | Mean  | -0.6            | 7.0        | -5.4       | 1.0              | 1.5 | 2.5 | 4.4 | 6.8 | 11.4         | 61.2   | 0.8         | 10.5              | 0.8           | 6.4        |            |                   |
| 最大   | Max.  | 3.3             | 11.3       | -1.7       | 2.0              | 2.7 | 3.7 | 5.3 | 8.0 | 12.9         | 91.5   | 23.5        | 14.4              | 2.1           | 15.4       |            |                   |
| 最低   | Min.  | -4.0            | 1.8        | -8.9       | 0.1              | 0.9 | 2.0 | 3.8 | 5.8 | 10.2         | 42.2   | 0.0         | 0.1               | 0.1           | 3.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

(注) 15日の降雪深は14日の降雪によるもの

2013年 02月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日  | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|----|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |    | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |    | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1  | 1.9             | 10.7       | -3.9       | 2.3              | 2.3 | 2.8 | 3.9 | 5.8 | 10.1         | 63.0   | 0.0         | 12.9              | 0.6           | 4.1        | SSE        | -                 |
| 02   | 2  | 8.2             | 18.3       | 1.3        | 4.3              | 3.7 | 3.6 | 4.0 | 5.7 | 10.0         | 66.4   | 0.0         | 9.6               | 1.2           | 10.6       | NNW        | -                 |
| 02   | 3  | 3.1             | 11.5       | -2.0       | 4.2              | 4.1 | 4.2 | 4.2 | 5.7 | 9.9          | 65.3   | 0.0         | 14.0              | 0.6           | 5.5        | S          | -                 |
| 02   | 4  | 3.2             | 11.3       | -1.1       | 4.2              | 4.0 | 4.3 | 4.5 | 5.6 | 9.8          | 83.7   | 1.0         | 8.3               | 0.5           | 6.0        | SSE        | 1                 |
| 02   | 5  | 3.6             | 11.0       | -1.4       | 4.6              | 4.4 | 4.5 | 4.7 | 5.7 | 9.7          | 64.5   | 0.0         | 13.7              | 0.7           | 6.3        | SSE        | -                 |
| 02   | 6  | -0.9            | 1.5        | -2.9       | 3.2              | 3.8 | 4.6 | 4.9 | 5.7 | 9.7          | 96.2   | 10.5        | 0.5               | 0.1           | 2.0        | W          | 13                |
| 02   | 7  | 0.4             | 5.6        | -2.4       | 2.4              | 2.9 | 3.9 | 4.9 | 5.8 | 9.6          | 95.3   | 0.0         | 9.4               | 0.4           | 4.2        | SE         | -                 |
| 02   | 8  | -2.1            | 2.5        | -7.5       | 2.5              | 2.8 | 3.6 | 4.8 | 5.8 | 9.6          | 67.1   | 0.0         | 14.0              | 1.2           | 10.3       | SW         | -                 |
| 02   | 9  | -2.9            | 6.0        | -8.5       | 2.0              | 2.5 | 3.4 | 4.7 | 5.9 | 9.5          | 62.0   | 0.0         | 14.0              | 0.8           | 5.2        | SSW        | -                 |
| 02   | 10 | -0.5            | 9.1        | -7.1       | 2.5              | 2.7 | 3.4 | 4.6 | 5.9 | 9.5          | 65.2   | 0.0         | 16.1              | 0.8           | 4.6        | SW         | -                 |
| 02   | 11 | -1.1            | 6.7        | -6.6       | 2.7              | 3.0 | 3.5 | 4.5 | 5.8 | 9.4          | 61.2   | 0.0         | 15.9              | 1.0           | 9.2        | SSW        | -                 |
| 02   | 12 | -2.8            | 4.2        | -8.7       | 1.8              | 2.4 | 3.3 | 4.5 | 5.8 | 9.4          | 61.9   | 0.0         | 11.6              | 0.7           | 4.5        | S          | -                 |
| 02   | 13 | 0.9             | 8.4        | -4.0       | 2.4              | 2.6 | 3.2 | 4.4 | 5.8 | 9.3          | 70.1   | 6.5         | 16.2              | 0.9           | 9.7        | W          | 12                |
| 02   | 14 | 0.7             | 9.1        | -4.6       | 2.6              | 2.7 | 3.3 | 4.4 | 5.8 | 9.3          | 70.5   | 0.0         | 14.3              | 0.6           | 4.3        | SSW        | -                 |
| 02   | 15 | -1.0            | 2.0        | -3.2       | 1.7              | 2.4 | 3.3 | 4.4 | 5.8 | 9.3          | 93.0   | 5.5         | 1.5               | 0.2           | 2.8        | W          | 11                |
| 02   | 16 | -3.8            | 0.9        | -6.8       | 1.6              | 2.0 | 3.0 | 4.3 | 5.7 | 9.2          | 66.6   | 0.0         | 5.3               | 0.8           | 6.1        | W          | -                 |
| 02   | 17 | -2.2            | 5.1        | -7.4       | 0.8              | 1.5 | 2.6 | 4.3 | 5.7 | 9.2          | 41.8   | 0.0         | 12.6              | 0.9           | 6.1        | SW         | -                 |
| 02   | 18 | 0.0             | 4.1        | -4.9       | 1.0              | 1.4 | 2.4 | 4.1 | 5.7 | 9.2          | 79.5   | 3.0         | 6.6               | 0.4           | 4.0        | WSW        | -                 |
| 02   | 19 | -0.8            | 1.5        | -5.8       | 1.7              | 1.9 | 2.7 | 4.0 | 5.6 | 9.1          | 92.4   | 0.0         | 2.8               | 0.0           | 2.5        | ENE        | -                 |
| 02   | 20 | -1.7            | 8.1        | -8.8       | 2.1              | 2.2 | 2.7 | 4.0 | 5.6 | 9.1          | 62.6   | 0.0         | 18.1              | 0.7           | 10.2       | S          | -                 |
| 02   | 21 | -2.0            | 6.8        | -8.0       | 2.5              | 2.6 | 3.1 | 4.0 | 5.5 | 9.0          | 59.1   | 0.0         | 18.1              | 0.8           | 7.3        | SE         | -                 |
| 02   | 22 | -1.1            | 7.9        | -7.9       | 2.5              | 2.7 | 3.2 | 4.1 | 5.5 | 9.0          | 50.9   | 0.0         | 16.9              | 0.8           | 5.4        | SSW        | -                 |
| 02   | 23 | 0.0             | 8.0        | -5.1       | 3.2              | 3.1 | 3.4 | 4.1 | 5.4 | 9.0          | 56.4   | 0.0         | 17.5              | 0.9           | 5.6        | SE         | -                 |
| 02   | 24 | -1.7            | 3.0        | -7.3       | 2.7              | 3.0 | 3.5 | 4.2 | 5.4 | 8.9          | 42.8   | 0.0         | 17.3              | 2.5           | 16.3       | W          | -                 |
| 02   | 25 | -3.1            | 6.1        | -10.7      | 2.6              | 2.8 | 3.4 | 4.3 | 5.4 | 8.9          | 48.1   | 0.0         | 19.0              | 1.0           | 7.4        | SW         | -                 |
| 02   | 26 | -1.6            | 8.0        | -9.4       | 2.8              | 2.9 | 3.4 | 4.2 | 5.4 | 8.9          | 52.8   | 0.0         | 18.2              | 0.6           | 4.3        | S          | -                 |
| 02   | 27 | 2.6             | 11.9       | -2.0       | 3.7              | 3.5 | 3.7 | 4.3 | 5.4 | 8.8          | 66.9   | 0.0         | 12.4              | 0.5           | 4.3        | SSW        | -                 |
| 02   | 28 | 4.9             | 14.8       | -1.0       | 4.8              | 4.3 | 4.2 | 4.4 | 5.4 | 8.8          | 61.2   | 0.0         | 17.5              | 0.6           | 5.2        | SSW        | -                 |

|    |       |      |      |       |     |     |     |     |     |      |      |      |      |     |      |  |  |
|----|-------|------|------|-------|-----|-----|-----|-----|-----|------|------|------|------|-----|------|--|--|
| 計  | Total |      |      |       |     |     |     |     |     |      |      | 26.5 |      |     |      |  |  |
| 平均 | Mean  | 0.0  | 7.3  | -5.3  | 2.7 | 2.9 | 3.4 | 4.3 | 5.6 | 9.3  | 66.6 | 0.9  | 12.6 | 0.7 | 6.2  |  |  |
| 最大 | Max.  | 8.2  | 18.3 | 1.3   | 4.8 | 4.4 | 4.6 | 4.9 | 5.9 | 10.1 | 96.2 | 10.5 | 19.0 | 2.5 | 16.3 |  |  |
| 最低 | Min.  | -3.8 | 0.9  | -10.7 | 0.8 | 1.4 | 2.4 | 3.9 | 5.4 | 8.8  | 41.8 | 0.0  | 0.5  | 0.0 | 2.0  |  |  |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 7.1             | 14.4       | 0.5        | 5.1              | 4.8  | 4.8  | 4.6 | 5.4 | 8.7          | 67.7   | 8.0         | 10.5              | 2.9           | 16.1       | WNW        | -                 |
| 03   | 2     | 2.3             | 7.3        | -3.7       | 5.9              | 5.5  | 5.4  | 4.9 | 5.4 | 8.7          | 59.2   | 0.0         | 18.4              | 1.9           | 10.9       | WSW        | -                 |
| 03   | 3     | 0.8             | 10.0       | -5.7       | 4.8              | 4.8  | 5.2  | 5.2 | 5.4 | 8.7          | 51.0   | 0.0         | 16.2              | 0.7           | 5.4        | SSE        | -                 |
| 03   | 4     | 1.0             | 9.8        | -4.2       | 5.3              | 5.1  | 5.3  | 5.2 | 5.5 | 8.6          | 71.9   | 3.5         | 15.5              | 0.6           | 5.0        | SE         | -                 |
| 03   | 5     | 2.1             | 11.8       | -4.4       | 6.1              | 5.7  | 5.6  | 5.4 | 5.5 | 8.6          | 72.7   | 0.0         | 16.9              | 0.5           | 4.3        | S          | 10                |
| 03   | 6     | 5.5             | 17.7       | -2.7       | 6.3              | 5.9  | 5.9  | 5.6 | 5.6 | 8.5          | 53.5   | 0.0         | 20.3              | 0.8           | 7.1        | SSW        | -                 |
| 03   | 7     | 6.5             | 15.3       | -0.3       | 7.0              | 6.5  | 6.4  | 5.8 | 5.7 | 8.5          | 61.9   | 0.0         | 17.6              | 0.8           | 5.6        | S          | -                 |
| 03   | 8     | 11.0            | 20.2       | 4.1        | 7.8              | 7.2  | 6.9  | 6.0 | 5.7 | 8.4          | 45.7   | 0.0         | 16.0              | 1.7           | 12.2       | W          | -                 |
| 03   | 9     | 13.9            | 23.3       | 6.9        | 9.2              | 8.3  | 7.6  | 6.3 | 5.8 | 8.4          | 34.9   | 0.0         | 19.8              | 1.3           | 11.8       | SW         | -                 |
| 03   | 10    | 9.7             | 22.5       | -1.5       | 8.7              | 8.4  | 8.2  | 6.8 | 5.9 | 8.4          | 53.7   | 0.5         | 13.7              | 1.9           | 17.1       | WNW        | -                 |
| 03   | 11    | 2.3             | 12.7       | -4.0       | 7.6              | 7.5  | 7.8  | 7.1 | 6.1 | 8.4          | 45.6   | 0.0         | 21.1              | 1.2           | 5.6        | ESE        | -                 |
| 03   | 12    | 5.6             | 16.6       | -2.8       | 7.8              | 7.5  | 7.6  | 7.1 | 6.2 | 8.4          | 54.6   | 0.0         | 20.9              | 0.6           | 4.9        | S          | -                 |
| 03   | 13    | 11.6            | 19.0       | 2.8        | 8.6              | 8.1  | 7.9  | 7.2 | 6.3 | 8.3          | 52.3   | 4.0         | 17.2              | 2.1           | 14.2       | WNW        | -                 |
| 03   | 14    | 4.5             | 9.6        | -1.7       | 8.8              | 8.6  | 8.5  | 7.4 | 6.4 | 8.3          | 68.7   | 1.0         | 12.6              | 0.8           | 5.3        | SE         | -                 |
| 03   | 15    | 3.7             | 12.8       | -3.5       | 8.2              | 8.0  | 8.1  | 7.6 | 6.5 | 8.3          | 71.4   | 0.0         | 21.2              | 0.7           | 5.0        | S          | -                 |
| 03   | 16    | 7.5             | 17.9       | -1.3       | 8.6              | 8.3  | 8.3  | 7.7 | 6.7 | 8.3          | 45.1   | 0.0         | 21.9              | 1.6           | 12.0       | W          | -                 |
| 03   | 17    | 7.6             | 16.5       | -0.3       | 9.2              | 8.7  | 8.6  | 7.8 | 6.8 | 8.3          | 56.8   | 0.0         | 21.2              | 0.7           | 5.6        | SE         | -                 |
| 03   | 18    | 12.0            | 18.7       | 4.0        | 9.1              | 8.8  | 8.9  | 8.0 | 6.9 | 8.3          | 70.5   | 21.5        | 9.0               | 3.5           | 17.6       | WNW        | -                 |
| 03   | 19    | 14.1            | 24.0       | 7.3        | 12.0             | 10.7 | 9.8  | 8.3 | 6.9 | 8.3          | 73.2   | 0.0         | 21.4              | 0.6           | 6.7        | S          | -                 |
| 03   | 20    | 11.0            | 15.8       | 8.0        | 11.5             | 11.1 | 10.7 | 8.8 | 7.0 | 8.3          | 82.7   | 0.5         | 11.7              | 0.8           | 10.8       | SSE        | -                 |
| 03   | 21    | 6.3             | 13.4       | -0.3       | 10.8             | 10.5 | 10.5 | 9.1 | 7.2 | 8.3          | 48.5   | 0.0         | 22.5              | 1.3           | 11.2       | SE         | -                 |
| 03   | 22    | 8.0             | 17.5       | -1.6       | 10.5             | 10.2 | 10.2 | 9.3 | 7.4 | 8.4          | 61.8   | 0.0         | 21.7              | 0.7           | 5.3        | SSE        | -                 |
| 03   | 23    | 8.6             | 15.3       | 3.9        | 10.9             | 10.6 | 10.6 | 9.4 | 7.6 | 8.4          | 68.2   | 0.0         | 15.9              | 0.7           | 6.4        | SE         | -                 |
| 03   | 24    | 5.0             | 7.0        | 2.9        | 9.3              | 9.6  | 10.2 | 9.5 | 7.7 | 8.4          | 92.4   | 0.0         | 4.9               | 0.6           | 4.1        | ESE        | -                 |
| 03   | 25    | 4.4             | 6.6        | 0.1        | 7.9              | 8.5  | 9.4  | 9.5 | 7.9 | 8.5          | 92.2   | 6.0         | 2.0               | 0.3           | 3.5        | E          | -                 |
| 03   | 26    | 3.3             | 11.7       | -3.8       | 8.3              | 8.2  | 8.8  | 9.3 | 8.0 | 8.5          | 64.3   | 0.0         | 21.7              | 0.6           | 5.4        | SSE        | -                 |
| 03   | 27    | 3.5             | 9.8        | -1.7       | 7.7              | 8.1  | 8.8  | 9.1 | 8.1 | 8.5          | 83.4   | 0.0         | 9.9               | 0.6           | 4.6        | SE         | -                 |
| 03   | 28    | 10.2            | 20.7       | 2.8        | 9.2              | 8.7  | 8.9  | 9.0 | 8.1 | 8.6          | 76.8   | 0.0         | 13.5              | 0.5           | 3.8        | SSW        | -                 |
| 03   | 29    | 12.1            | 19.7       | 6.4        | 11.1             | 10.3 | 9.9  | 9.1 | 8.2 | 8.6          | 79.8   | 0.0         | 16.9              | 1.2           | 5.9        | ESE        | -                 |
| 03   | 30    | 4.0             | 7.1        | 2.7        | 9.3              | 9.7  | 10.3 | 9.5 | 8.2 | 8.7          | 99.9   | 1.5         | 2.0               | 0.8           | 4.4        | ESE        | -                 |
| 03   | 31    | 3.2             | 4.8        | 2.1        | 7.6              | 8.1  | 9.2  | 9.5 | 8.3 | 8.7          | 100.0  | 0.0         | 2.7               | 0.2           | 4.2        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |     |     |              |        | 46.5        |                   |               |            |            |                   |
| 平均   | Mean  | 6.7             | 14.5       | 0.4        | 8.4              | 8.1  | 8.2  | 7.6 | 6.7 | 8.5          | 66.5   | 1.5         | 15.4              | 1.1           | 7.8        |            |                   |
| 最大   | Max.  | 14.1            | 24.0       | 8.0        | 12.0             | 11.1 | 10.7 | 9.5 | 8.3 | 8.7          | 100.0  | 21.5        | 22.5              | 3.5           | 17.6       |            |                   |
| 最低   | Min.  | 0.8             | 4.8        | -5.7       | 4.8              | 4.8  | 4.8  | 4.6 | 5.4 | 8.3          | 34.9   | 0.0         | 2.0               | 0.2           | 3.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 04月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 6.1             | 12.9       | -0.2       | 9.3              | 8.8  | 9.0  | 9.3  | 8.4  | 8.8          | 82.0   | 0.0         | 20.1              | 0.6           | 4.6        | SE         | -                 |
| 04   | 2     | 5.5             | 6.6        | 4.0        | 8.4              | 8.8  | 9.5  | 9.3  | 8.4  | 8.8          | 98.9   | 15.5        | 2.3               | 0.0           | 1.8        | SW         | -                 |
| 04   | 3     | 7.4             | 10.8       | 5.8        | 7.7              | 8.0  | 8.8  | 9.3  | 8.4  | 8.8          | 93.9   | 38.0        | 5.5               | 0.4           | 7.8        | NNW        | -                 |
| 04   | 4     | 11.4            | 21.0       | 3.4        | 10.3             | 9.4  | 9.2  | 9.2  | 8.5  | 8.9          | 73.4   | 0.0         | 23.1              | 0.6           | 5.4        | SE         | -                 |
| 04   | 5     | 12.5            | 20.0       | 5.6        | 12.2             | 11.3 | 10.7 | 9.4  | 8.5  | 8.9          | 80.7   | 0.0         | 20.2              | 0.6           | 6.1        | SE         | -                 |
| 04   | 6     | 10.9            | 15.5       | 8.4        | 11.2             | 11.2 | 11.2 | 9.9  | 8.5  | 8.9          | 90.7   | 42.5        | 6.2               | 0.5           | 5.8        | E          | -                 |
| 04   | 7     | 11.3            | 19.6       | 5.5        | 11.9             | 11.5 | 11.3 | 10.3 | 8.6  | 8.9          | 70.3   | 4.0         | 20.9              | 2.0           | 14.1       | WNW        | -                 |
| 04   | 8     | 8.7             | 19.1       | 1.6        | 11.3             | 11.2 | 11.4 | 10.5 | 8.8  | 9.0          | 46.0   | 0.0         | 25.8              | 1.3           | 10.3       | WSW        | -                 |
| 04   | 9     | 11.6            | 20.8       | 4.0        | 11.6             | 11.3 | 11.4 | 10.6 | 8.9  | 9.0          | 46.7   | 0.0         | 23.0              | 0.9           | 6.7        | SE         | -                 |
| 04   | 10    | 7.2             | 12.6       | 2.5        | 10.8             | 11.0 | 11.4 | 10.7 | 9.0  | 9.1          | 70.9   | 0.5         | 12.4              | 0.6           | 6.5        | ESE        | -                 |
| 04   | 11    | 4.9             | 12.2       | 0.5        | 10.8             | 10.7 | 11.1 | 10.7 | 9.1  | 9.1          | 70.2   | 1.0         | 20.4              | 0.9           | 6.1        | SSE        | -                 |
| 04   | 12    | 5.1             | 13.4       | -1.6       | 10.1             | 10.2 | 10.8 | 10.7 | 9.2  | 9.2          | 58.2   | 0.0         | 21.6              | 0.7           | 5.2        | SE         | -                 |
| 04   | 13    | 6.4             | 15.4       | -1.9       | 10.5             | 10.4 | 10.7 | 10.6 | 9.3  | 9.2          | 62.1   | 0.0         | 25.7              | 0.8           | 5.0        | SE         | -                 |
| 04   | 14    | 10.7            | 20.6       | 0.9        | 11.4             | 11.0 | 11.1 | 10.6 | 9.3  | 9.2          | 60.2   | 0.0         | 21.8              | 1.6           | 14.8       | WSW        | -                 |
| 04   | 15    | 13.9            | 21.1       | 6.6        | 12.9             | 12.2 | 11.8 | 10.8 | 9.4  | 9.3          | 58.8   | 0.0         | 22.3              | 1.4           | 9.5        | SE         | -                 |
| 04   | 16    | 11.0            | 19.0       | 5.7        | 13.1             | 12.7 | 12.4 | 11.1 | 9.4  | 9.3          | 75.8   | 0.0         | 19.1              | 0.6           | 5.1        | SSE        | -                 |
| 04   | 17    | 15.6            | 23.0       | 7.3        | 12.6             | 12.4 | 12.5 | 11.4 | 9.5  | 9.3          | 50.0   | 0.0         | 13.6              | 2.1           | 10.8       | W          | -                 |
| 04   | 18    | 15.2            | 22.8       | 7.5        | 13.6             | 12.9 | 12.6 | 11.5 | 9.6  | 9.4          | 67.7   | 0.0         | 23.5              | 0.7           | 6.0        | SE         | -                 |
| 04   | 19    | 10.0            | 15.6       | 3.4        | 14.4             | 13.9 | 13.5 | 11.8 | 9.7  | 9.4          | 55.7   | 0.0         | 22.0              | 1.2           | 7.8        | ESE        | -                 |
| 04   | 20    | 3.3             | 6.1        | 0.1        | 10.9             | 11.8 | 12.7 | 12.0 | 9.9  | 9.5          | 70.4   | 2.0         | 5.3               | 0.4           | 4.6        | ESE        | -                 |
| 04   | 21    | 1.7             | 5.3        | 0.0        | 7.6              | 9.1  | 10.9 | 11.8 | 10.0 | 9.5          | 92.6   | 21.0        | 5.2               | 0.2           | 4.5        | NNW        | -                 |
| 04   | 22    | 4.7             | 12.7       | -2.0       | 7.7              | 8.2  | 9.5  | 11.2 | 10.1 | 9.6          | 57.0   | 6.5         | 27.1              | 1.0           | 7.1        | WSW        | -                 |
| 04   | 23    | 7.6             | 15.6       | -0.8       | 9.2              | 9.1  | 9.6  | 10.6 | 10.1 | 9.6          | 67.2   | 0.0         | 20.1              | 0.6           | 4.5        | SE         | -                 |
| 04   | 24    | 8.3             | 12.0       | 6.0        | 9.2              | 9.5  | 10.2 | 10.5 | 10.0 | 9.6          | 91.2   | 9.0         | 3.0               | 1.0           | 11.8       | NNE        | -                 |
| 04   | 25    | 13.3            | 20.8       | 6.3        | 11.6             | 10.8 | 10.6 | 10.6 | 9.9  | 9.7          | 68.5   | 0.0         | 23.5              | 0.7           | 6.7        | SSE        | -                 |
| 04   | 26    | 10.7            | 18.3       | 4.6        | 12.0             | 11.8 | 11.7 | 10.8 | 9.9  | 9.7          | 70.4   | 0.0         | 17.0              | 0.7           | 6.9        | SSE        | -                 |
| 04   | 27    | 8.9             | 16.8       | 2.5        | 11.5             | 11.3 | 11.6 | 11.1 | 9.9  | 9.8          | 50.0   | 0.0         | 24.7              | 1.5           | 10.8       | WSW        | -                 |
| 04   | 28    | 10.1            | 19.7       | 2.2        | 11.8             | 11.5 | 11.7 | 11.2 | 10.0 | 9.8          | 41.4   | 0.0         | 28.0              | 0.7           | 8.5        | SSW        | -                 |
| 04   | 29    | 12.4            | 21.5       | 3.7        | 12.3             | 12.0 | 12.0 | 11.3 | 10.0 | 9.9          | 53.0   | 0.0         | 24.4              | 0.6           | 4.8        | SE         | -                 |
| 04   | 30    | 14.4            | 21.8       | 10.0       | 12.8             | 12.5 | 12.5 | 11.5 | 10.1 | 9.9          | 61.4   | 0.0         | 14.3              | 1.2           | 13.4       | WNW        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 140.0       |                   |               |            |            |                   |
| 平均   | Mean  | 9.4             | 16.4       | 3.4        | 11.0             | 10.9 | 11.1 | 10.7 | 9.3  | 9.3          | 67.8   | 4.7         | 18.1              | 0.9           | 7.4        |            |                   |
| 最大   | Max.  | 15.6            | 23.0       | 10.0       | 14.4             | 13.9 | 13.5 | 12.0 | 10.1 | 9.9          | 98.9   | 42.5        | 28.0              | 2.1           | 14.8       |            |                   |
| 最低   | Min.  | 1.7             | 5.3        | -2.0       | 7.6              | 8.0  | 8.8  | 9.2  | 8.4  | 8.8          | 41.4   | 0.0         | 2.3               | 0.0           | 1.8        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 05月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 10.7            | 17.2       | 6.4        | 13.3             | 12.8 | 12.8 | 11.7 | 10.1 | 9.9          | 60.2   | 0.0         | 17.7              | 0.7           | 5.6        | ESE        | -                 |
| 05   | 2     | 8.8             | 18.1       | 2.0        | 13.4             | 13.0 | 13.0 | 12.0 | 10.2 | 10.0         | 57.8   | 0.0         | 23.0              | 0.8           | 6.7        | SE         | -                 |
| 05   | 3     | 8.3             | 17.6       | 0.3        | 12.8             | 12.6 | 12.8 | 12.1 | 10.3 | 10.0         | 62.1   | 0.0         | 24.1              | 0.6           | 6.8        | SE         | -                 |
| 05   | 4     | 9.1             | 18.2       | 2.3        | 12.8             | 12.6 | 12.8 | 12.2 | 10.4 | 10.1         | 66.3   | 0.0         | 20.9              | 0.7           | 6.2        | SSW        | -                 |
| 05   | 5     | 12.6            | 22.0       | 4.0        | 13.5             | 13.0 | 13.0 | 12.2 | 10.5 | 10.1         | 56.1   | 0.0         | 27.6              | 0.6           | 5.1        | SSE        | -                 |
| 05   | 6     | 15.0            | 23.8       | 6.6        | 14.3             | 13.7 | 13.5 | 12.4 | 10.6 | 10.2         | 50.6   | 0.0         | 23.4              | 0.9           | 9.6        | SW         | -                 |
| 05   | 7     | 10.6            | 17.1       | 4.7        | 14.0             | 13.8 | 13.7 | 12.6 | 10.7 | 10.2         | 39.1   | 0.0         | 28.5              | 1.3           | 8.0        | WSW        | -                 |
| 05   | 8     | 12.5            | 22.3       | 4.4        | 12.9             | 13.0 | 13.3 | 12.7 | 10.9 | 10.3         | 31.3   | 0.0         | 22.2              | 0.7           | 8.5        | W          | -                 |
| 05   | 9     | 17.3            | 28.8       | 7.2        | 14.5             | 13.8 | 13.5 | 12.7 | 11.0 | 10.3         | 35.9   | 0.0         | 26.8              | 0.6           | 6.9        | ESE        | -                 |
| 05   | 10    | 18.3            | 26.4       | 13.1       | 15.2             | 14.5 | 14.2 | 12.9 | 11.1 | 10.4         | 42.9   | 0.0         | 18.0              | 0.9           | 15.0       | E          | -                 |
| 05   | 11    | 13.3            | 15.9       | 11.0       | 14.1             | 14.1 | 14.3 | 13.1 | 11.1 | 10.4         | 86.8   | 16.5        | 5.0               | 0.1           | 3.2        | ESE        | -                 |
| 05   | 12    | 16.5            | 24.1       | 10.7       | 16.0             | 14.9 | 14.5 | 13.2 | 11.0 | 10.3         | 77.0   | 4.0         | 27.6              | 0.6           | 5.7        | ESE        | -                 |
| 05   | 13    | 15.6            | 23.3       | 9.4        | 16.9             | 16.1 | 15.5 | 13.6 | 11.1 | 10.3         | 82.0   | 0.0         | 26.1              | 0.9           | 6.7        | SSE        | -                 |
| 05   | 14    | 19.1            | 28.2       | 11.6       | 17.3             | 16.5 | 16.1 | 14.0 | 11.3 | 10.4         | 54.2   | 0.0         | 24.0              | 0.5           | 5.2        | E          | -                 |
| 05   | 15    | 17.2            | 23.6       | 11.7       | 18.1             | 17.2 | 16.6 | 14.3 | 11.4 | 10.4         | 77.3   | 0.0         | 27.2              | 0.8           | 6.4        | ESE        | -                 |
| 05   | 16    | 14.9            | 21.2       | 10.5       | 17.2             | 16.9 | 16.8 | 14.7 | 11.6 | 10.5         | 80.2   | 0.0         | 14.0              | 0.5           | 4.6        | ESE        | -                 |
| 05   | 17    | 15.2            | 24.4       | 7.0        | 17.0             | 16.5 | 16.4 | 14.9 | 11.8 | 10.6         | 57.9   | 0.0         | 29.1              | 0.9           | 5.4        | SW         | -                 |
| 05   | 18    | 16.2            | 24.4       | 7.5        | 17.3             | 16.7 | 16.4 | 15.0 | 12.1 | 10.6         | 70.3   | 0.0         | 26.1              | 0.6           | 6.2        | ESE        | -                 |
| 05   | 19    | 15.1            | 20.5       | 11.0       | 17.4             | 17.0 | 16.8 | 15.1 | 12.3 | 10.7         | 82.3   | 1.0         | 14.9              | 0.6           | 5.5        | ESE        | -                 |
| 05   | 20    | 15.2            | 21.5       | 11.1       | 16.8             | 16.4 | 16.5 | 15.3 | 12.4 | 10.7         | 91.9   | 0.5         | 12.2              | 0.2           | 4.1        | ESE        | -                 |
| 05   | 21    | 18.6            | 26.4       | 12.2       | 18.3             | 17.3 | 16.9 | 15.3 | 12.5 | 10.8         | 82.1   | 0.0         | 19.1              | 0.6           | 4.6        | S          | -                 |
| 05   | 22    | 19.1            | 25.2       | 13.7       | 19.5             | 18.4 | 17.7 | 15.6 | 12.7 | 10.9         | 78.8   | 0.0         | 22.9              | 0.6           | 4.9        | SSE        | -                 |
| 05   | 23    | 17.8            | 26.6       | 11.0       | 19.1             | 18.5 | 18.0 | 15.9 | 12.9 | 11.0         | 56.4   | 0.0         | 27.3              | 0.9           | 8.5        | ESE        | -                 |
| 05   | 24    | 17.2            | 26.6       | 8.4        | 18.3             | 18.0 | 17.8 | 16.1 | 13.1 | 11.1         | 49.1   | 0.0         | 28.9              | 0.7           | 5.9        | SE         | -                 |
| 05   | 25    | 15.3            | 21.2       | 8.5        | 18.3             | 17.9 | 17.6 | 16.2 | 13.3 | 11.2         | 73.1   | 0.0         | 27.8              | 0.6           | 5.7        | ESE        | -                 |
| 05   | 26    | 18.2            | 25.9       | 12.1       | 19.2             | 18.5 | 18.0 | 16.3 | 13.5 | 11.3         | 76.8   | 0.0         | 19.7              | 0.4           | 6.4        | ESE        | -                 |
| 05   | 27    | 16.6            | 21.6       | 12.0       | 17.7             | 17.7 | 17.8 | 16.4 | 13.6 | 11.4         | 84.0   | 0.0         | 8.6               | 0.2           | 4.0        | SE         | -                 |
| 05   | 28    | 16.5            | 21.8       | 13.6       | 17.7             | 17.5 | 17.5 | 16.4 | 13.8 | 11.4         | 85.6   | 0.5         | 11.8              | 0.3           | 3.7        | ESE        | -                 |
| 05   | 29    | 15.4            | 18.4       | 13.4       | 17.3             | 17.2 | 17.4 | 16.4 | 13.9 | 11.5         | 95.3   | 3.0         | 6.3               | 0.4           | 4.1        | E          | -                 |
| 05   | 30    | 15.9            | 17.8       | 14.6       | 16.9             | 16.8 | 17.1 | 16.4 | 14.0 | 11.5         | 98.8   | 5.0         | 3.3               | 0.3           | 3.6        | E          | -                 |
| 05   | 31    | 18.5            | 25.2       | 12.3       | 19.2             | 18.1 | 17.5 | 16.3 | 14.0 | 11.6         | 70.9   | 0.0         | 29.0              | 0.5           | 5.0        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 30.5        |                   |               |            |            |                   |
| 平均   | Mean  | 15.2            | 22.4       | 9.2        | 16.3             | 15.8 | 15.7 | 14.3 | 11.9 | 10.6         | 68.2   | 1.0         | 20.7              | 0.6           | 6.0        |            |                   |
| 最大   | Max.  | 19.1            | 28.8       | 14.6       | 19.5             | 18.5 | 18.0 | 16.4 | 14.0 | 11.6         | 98.8   | 16.5        | 29.1              | 1.3           | 15.0       |            |                   |
| 最低   | Min.  | 8.3             | 15.9       | 0.3        | 12.8             | 12.6 | 12.8 | 11.7 | 10.1 | 9.9          | 31.3   | 0.0         | 3.3               | 0.1           | 3.2        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 06月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 16.4            | 22.9       | 11.0       | 18.2             | 18.0 | 17.9 | 16.5 | 14.1 | 11.7         | 64.5   | 0.0         | 20.3              | 0.4           | 4.2        | ESE        | -                 |
| 06   | 2     | 16.3            | 23.7       | 11.0       | 18.5             | 18.0 | 17.8 | 16.6 | 14.2 | 11.8         | 74.5   | 0.0         | 21.6              | 0.6           | 6.2        | ESE        | -                 |
| 06   | 3     | 18.7            | 26.7       | 12.1       | 19.4             | 18.7 | 18.2 | 16.8 | 14.3 | 11.9         | 63.3   | 0.0         | 27.4              | 0.6           | 4.5        | SE         | -                 |
| 06   | 4     | 19.9            | 29.2       | 12.0       | 19.6             | 19.0 | 18.5 | 16.9 | 14.5 | 12.0         | 61.8   | 0.0         | 28.2              | 0.6           | 5.3        | ESE        | -                 |
| 06   | 5     | 17.7            | 25.8       | 13.5       | 19.2             | 19.0 | 18.7 | 17.1 | 14.6 | 12.2         | 80.8   | 1.0         | 16.7              | 0.6           | 5.5        | W          | -                 |
| 06   | 6     | 16.8            | 22.0       | 13.1       | 18.6             | 18.4 | 18.4 | 17.2 | 14.7 | 12.2         | 85.8   | 0.0         | 12.4              | 0.4           | 4.6        | ESE        | -                 |
| 06   | 7     | 16.4            | 22.1       | 13.3       | 18.4             | 18.2 | 18.2 | 17.2 | 14.8 | 12.3         | 81.3   | 0.5         | 12.3              | 0.5           | 5.7        | SSE        | -                 |
| 06   | 8     | 16.3            | 22.7       | 11.8       | 18.4             | 18.2 | 18.1 | 17.2 | 14.9 | 12.4         | 83.9   | 0.0         | 15.3              | 0.3           | 4.3        | SSE        | -                 |
| 06   | 9     | 19.2            | 27.5       | 10.6       | 19.1             | 18.5 | 18.2 | 17.2 | 15.0 | 12.5         | 66.6   | 0.0         | 24.0              | 0.5           | 4.9        | ESE        | -                 |
| 06   | 10    | 19.4            | 24.8       | 15.4       | 19.8             | 19.2 | 18.8 | 17.3 | 15.1 | 12.6         | 75.1   | 0.0         | 17.8              | 0.4           | 4.1        | ESE        | -                 |
| 06   | 11    | 16.4            | 18.0       | 15.0       | 18.4             | 18.6 | 18.7 | 17.5 | 15.2 | 12.7         | 90.6   | 1.0         | 4.5               | 0.1           | 2.6        | ESE        | -                 |
| 06   | 12    | 17.0            | 18.9       | 15.3       | 18.2             | 18.1 | 18.3 | 17.5 | 15.2 | 12.7         | 98.5   | 15.5        | 5.8               | 0.0           | 2.4        | E          | -                 |
| 06   | 13    | 18.1            | 19.7       | 17.1       | 18.2             | 18.0 | 18.3 | 17.5 | 14.9 | 12.6         | 99.0   | 31.5        | 5.6               | 0.1           | 3.6        | E          | -                 |
| 06   | 14    | 20.1            | 23.8       | 17.4       | 19.3             | 18.6 | 18.6 | 17.6 | 14.9 | 12.7         | 95.4   | 4.5         | 10.5              | 0.1           | 2.8        | E          | -                 |
| 06   | 15    | 20.6            | 25.9       | 18.1       | 19.6             | 19.3 | 19.4 | 17.9 | 15.0 | 12.7         | 94.2   | 73.5        | 9.4               | 0.1           | 4.0        | ESE        | -                 |
| 06   | 16    | 19.4            | 25.0       | 17.0       | 19.6             | 19.4 | 19.8 | 18.8 | 15.5 | 12.9         | 94.4   | 18.0        | 13.0              | 0.2           | 4.0        | ESE        | -                 |
| 06   | 17    | 21.4            | 28.0       | 16.0       | 21.1             | 20.3 | 20.1 | 18.8 | 15.7 | 13.1         | 85.8   | 0.0         | 20.8              | 0.3           | 4.8        | ESE        | -                 |
| 06   | 18    | 20.7            | 24.4       | 17.8       | 20.9             | 20.6 | 20.6 | 19.0 | 15.8 | 13.2         | 90.8   | 0.0         | 8.2               | 0.2           | 2.8        | ESE        | -                 |
| 06   | 19    | 20.8            | 25.4       | 18.8       | 20.8             | 20.4 | 20.5 | 19.1 | 16.0 | 13.3         | 93.9   | 1.0         | 7.8               | 0.4           | 6.5        | E          | -                 |
| 06   | 20    | 18.0            | 20.0       | 15.3       | 19.6             | 19.7 | 20.2 | 19.2 | 16.0 | 13.4         | 98.0   | 5.5         | 3.9               | 0.1           | 3.7        | SSE        | -                 |
| 06   | 21    | 15.8            | 18.6       | 13.4       | 18.0             | 18.5 | 19.4 | 19.2 | 16.2 | 13.5         | 98.3   | 9.0         | 4.1               | 0.1           | 3.7        | W          | -                 |
| 06   | 22    | 16.4            | 22.7       | 11.7       | 18.3             | 18.2 | 18.9 | 19.0 | 16.3 | 13.6         | 94.7   | 4.5         | 13.3              | 0.2           | 3.8        | W          | -                 |
| 06   | 23    | 17.8            | 25.8       | 13.3       | 20.0             | 19.4 | 19.4 | 18.8 | 16.3 | 13.7         | 90.5   | 4.5         | 17.5              | 0.3           | 4.6        | SE         | -                 |
| 06   | 24    | 17.9            | 22.6       | 15.4       | 20.1             | 19.7 | 19.9 | 18.9 | 16.3 | 13.7         | 93.1   | 2.0         | 11.1              | 0.3           | 4.0        | SE         | -                 |
| 06   | 25    | 18.3            | 21.1       | 15.7       | 20.1             | 19.7 | 19.9 | 19.1 | 16.4 | 13.8         | 94.2   | 1.0         | 9.9               | 0.2           | 3.4        | ESE        | -                 |
| 06   | 26    | 16.5            | 17.8       | 15.4       | 18.5             | 18.9 | 19.6 | 19.2 | 16.4 | 13.9         | 99.1   | 29.5        | 3.2               | 0.1           | 3.4        | ESE        | -                 |
| 06   | 27    | 17.6            | 24.5       | 14.4       | 19.6             | 19.0 | 19.2 | 19.1 | 16.5 | 14.0         | 89.5   | 8.5         | 19.8              | 0.3           | 4.5        | SE         | -                 |
| 06   | 28    | 17.1            | 20.1       | 15.1       | 19.4             | 19.4 | 19.7 | 19.2 | 16.7 | 14.2         | 92.9   | 0.0         | 7.2               | 0.3           | 3.3        | ESE        | -                 |
| 06   | 29    | 19.3            | 26.0       | 15.7       | 20.6             | 19.9 | 19.8 | 19.2 | 16.7 | 14.3         | 85.1   | 0.0         | 16.6              | 0.3           | 4.0        | SE         | -                 |
| 06   | 30    | 18.7            | 22.4       | 16.8       | 20.3             | 20.0 | 20.2 | 19.3 | 16.8 | 14.4         | 92.9   | 0.0         | 7.4               | 0.2           | 4.7        | ESE        | -                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 211.0       |                   |               |            |            |                   |
| 平均   | Mean  | 18.2            | 23.3       | 14.6       | 19.3             | 19.0 | 19.1 | 18.1 | 15.5 | 13.0         | 86.9   | 7.0         | 13.2              | 0.3           | 4.2        |            |                   |
| 最大   | Max.  | 21.4            | 29.2       | 18.8       | 21.1             | 20.6 | 20.6 | 19.3 | 16.8 | 14.4         | 99.1   | 73.5        | 28.2              | 0.6           | 6.5        |            |                   |
| 最低   | Min.  | 15.8            | 17.8       | 10.6       | 18.0             | 18.0 | 17.8 | 16.5 | 14.1 | 11.7         | 61.8   | 0.0         | 3.2               | 0.0           | 2.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 07月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 18.4            | 20.7       | 16.8       | 20.1             | 19.8 | 20.1 | 19.5 | 16.8 | 14.4         | 93.9   | 4.0         | 8.7               | 0.3           | 4.0        | ESE        | 0                 |
| 07   | 2     | 18.9            | 23.4       | 16.1       | 20.5             | 20.0 | 20.2 | 19.5 | 16.8 | 14.5         | 88.6   | 0.0         | 11.7              | 0.2           | 4.0        | ESE        | 0                 |
| 07   | 3     | 18.0            | 20.7       | 16.3       | 19.7             | 19.7 | 20.1 | 19.6 | 16.9 | 14.6         | 93.7   | 0.0         | 6.8               | 0.2           | 4.7        | ESE        | 0                 |
| 07   | 4     | 20.3            | 25.6       | 16.8       | 20.5             | 19.9 | 20.1 | 19.6 | 17.0 | 14.6         | 92.5   | 0.0         | 11.1              | 0.2           | 3.2        | ESE        | 0                 |
| 07   | 5     | 21.3            | 24.7       | 18.9       | 20.8             | 20.4 | 20.5 | 19.6 | 17.0 | 14.7         | 91.7   | 0.5         | 7.0               | 0.3           | 5.6        | NNE        | 0                 |
| 07   | 6     | 24.3            | 26.8       | 21.1       | 21.0             | 20.5 | 20.6 | 19.7 | 17.1 | 14.7         | 74.9   | 0.0         | 7.7               | 0.9           | 11.6       | WNW        | 0                 |
| 07   | 7     | 24.1            | 29.5       | 20.2       | 21.9             | 21.1 | 20.9 | 19.9 | 17.1 | 14.8         | 80.2   | 0.0         | 14.0              | 0.3           | 3.6        | E          | 0                 |
| 07   | 8     | 24.9            | 32.3       | 19.0       | 23.5             | 22.3 | 21.7 | 20.1 | 17.2 | 14.9         | 77.3   | 0.0         | 20.4              | 0.4           | 5.4        | ESE        | 0                 |
| 07   | 9     | 24.9            | 33.5       | 19.0       | 24.2             | 23.1 | 22.5 | 20.5 | 17.3 | 14.9         | 79.9   | 0.0         | 20.6              | 0.3           | 4.7        | SE         | 0                 |
| 07   | 10    | 25.9            | 34.0       | 18.9       | 25.0             | 23.9 | 23.1 | 20.9 | 17.5 | 15.1         | 73.1   | 0.0         | 22.0              | 0.4           | 4.5        | ESE        | 0                 |
| 07   | 11    | 26.8            | 34.8       | 20.5       | 26.1             | 25.0 | 23.9 | 21.3 | 17.8 | 15.3         | 73.5   | 0.0         | 23.1              | 0.4           | 4.6        | SE         | 0                 |
| 07   | 12    | 26.0            | 32.8       | 19.9       | 26.4             | 25.6 | 24.6 | 21.8 | 18.0 | 15.4         | 72.0   | 0.0         | 23.1              | 0.6           | 5.8        | ESE        | 0                 |
| 07   | 13    | 22.9            | 28.0       | 19.0       | 24.0             | 24.3 | 24.2 | 22.2 | 18.3 | 15.5         | 76.6   | 0.0         | 9.9               | 0.2           | 3.1        | W          | 0                 |
| 07   | 14    | 24.8            | 32.0       | 19.9       | 24.7             | 24.3 | 23.8 | 22.2 | 18.6 | 15.6         | 67.0   | 0.0         | 18.2              | 0.3           | 4.0        | S          | 0                 |
| 07   | 15    | 23.6            | 31.0       | 19.1       | 25.4             | 24.9 | 24.2 | 22.2 | 18.7 | 15.6         | 74.2   | 1.0         | 20.5              | 0.4           | 4.8        | SE         | 0                 |
| 07   | 16    | 22.3            | 27.9       | 17.5       | 24.6             | 24.4 | 24.1 | 22.4 | 18.9 | 15.7         | 77.1   | 0.0         | 19.4              | 0.4           | 4.9        | ESE        | 0                 |
| 07   | 17    | 21.3            | 29.2       | 18.4       | 24.4             | 24.2 | 24.0 | 22.4 | 18.8 | 15.7         | 89.6   | 22.5        | 14.7              | 0.3           | 4.9        | ESE        | 0                 |
| 07   | 18    | 22.8            | 30.4       | 18.1       | 25.0             | 24.3 | 23.9 | 22.5 | 18.9 | 15.7         | 84.9   | 0.0         | 21.2              | 0.3           | 6.4        | ESE        | 0                 |
| 07   | 19    | 22.2            | 29.3       | 15.9       | 24.7             | 24.6 | 24.2 | 22.6 | 19.2 | 15.9         | 70.2   | 0.0         | 25.4              | 0.5           | 4.3        | SE         | 0                 |
| 07   | 20    | 20.8            | 27.9       | 14.7       | 24.0             | 24.1 | 24.0 | 22.7 | 19.4 | 16.0         | 78.7   | 0.0         | 20.6              | 0.4           | 5.0        | ESE        | 0                 |
| 07   | 21    | 22.2            | 28.8       | 16.1       | 24.6             | 24.3 | 24.0 | 22.7 | 19.6 | 16.1         | 78.0   | 0.0         | 21.2              | 0.4           | 4.8        | ESE        | 0                 |
| 07   | 22    | 22.7            | 31.8       | 17.7       | 24.8             | 24.5 | 24.2 | 22.7 | 19.6 | 16.1         | 85.9   | 11.5        | 16.3              | 0.3           | 4.7        | ESE        | 0                 |
| 07   | 23    | 23.7            | 31.1       | 19.2       | 25.5             | 24.9 | 24.4 | 22.9 | 19.7 | 16.2         | 87.7   | 1.0         | 17.4              | 0.3           | 4.8        | E          | 0                 |
| 07   | 24    | 21.2            | 22.3       | 20.0       | 23.5             | 24.1 | 24.3 | 23.0 | 19.8 | 16.3         | 97.5   | 4.0         | 3.5               | 0.2           | 3.1        | E          | 0                 |
| 07   | 25    | 20.7            | 23.7       | 18.6       | 23.0             | 23.3 | 23.5 | 22.9 | 20.0 | 16.5         | 97.6   | 1.0         | 6.5               | 0.2           | 3.3        | ESE        | 0                 |
| 07   | 26    | 22.9            | 28.3       | 19.1       | 24.6             | 24.2 | 23.7 | 22.8 | 20.2 | 16.6         | 88.8   | 0.0         | 15.4              | 0.3           | 4.3        | ESE        | 0                 |
| 07   | 27    | 21.8            | 28.4       | 18.2       | 24.2             | 24.2 | 23.9 | 22.8 | 20.2 | 16.6         | 88.0   | 16.5        | 15.5              | 0.4           | 6.3        | ESE        | 0                 |
| 07   | 28    | 21.4            | 28.3       | 16.9       | 24.5             | 24.2 | 23.9 | 22.9 | 20.3 | 16.7         | 89.4   | 0.5         | 17.7              | 0.4           | 3.6        | SW         | 0                 |
| 07   | 29    | 20.5            | 22.3       | 19.0       | 22.9             | 23.5 | 23.7 | 22.9 | 20.4 | 16.8         | 98.2   | 8.0         | 4.8               | 0.1           | 2.6        | ESE        | 0                 |
| 07   | 30    | 22.7            | 30.0       | 18.6       | 23.9             | 23.7 | 23.4 | 22.8 | 20.5 | 16.9         | 93.1   | 0.0         | 11.7              | 0.2           | 3.2        | ESE        | 0                 |
| 07   | 31    | 24.0            | 29.4       | 20.2       | 25.3             | 24.9 | 24.2 | 22.9 | 20.5 | 17.0         | 86.5   | 0.0         | 15.0              | 0.3           | 4.7        | ESE        | 0                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 70.5        |                   |               |            |            |                   |
| 平均   | Mean  | 22.5            | 28.3       | 18.4       | 23.7             | 23.3 | 23.0 | 21.7 | 18.6 | 15.7         | 83.9   | 2.3         | 15.2              | 0.3           | 4.6        |            | 0.0               |
| 最大   | Max.  | 26.8            | 34.8       | 21.1       | 26.4             | 25.6 | 24.6 | 23.0 | 20.5 | 17.0         | 98.2   | 22.5        | 25.4              | 0.9           | 11.6       |            | 0.0               |
| 最低   | Min.  | 18.0            | 20.7       | 14.7       | 19.7             | 19.7 | 20.1 | 19.5 | 16.8 | 14.4         | 67.0   | 0.0         | 3.5               | 0.1           | 2.6        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 08月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 23.7            | 29.8       | 20.5       | 25.5             | 25.2 | 24.6 | 23.1 | 20.6 | 17.1         | 87.7   | 1.0         | 15.1              | 0.4           | 5.0        | SSE        | 0                 |
| 08   | 2     | 22.5            | 28.4       | 18.6       | 24.9             | 24.9 | 24.6 | 23.3 | 20.6 | 17.2         | 88.3   | 1.5         | 14.5              | 0.4           | 4.8        | ESE        | 0                 |
| 08   | 3     | 22.6            | 28.2       | 18.7       | 25.4             | 25.2 | 24.7 | 23.3 | 20.7 | 17.3         | 82.8   | 0.0         | 17.7              | 0.3           | 4.2        | SE         | 0                 |
| 08   | 4     | 21.6            | 27.5       | 17.3       | 23.9             | 24.3 | 24.4 | 23.4 | 20.8 | 17.4         | 88.2   | 0.5         | 12.0              | 0.2           | 3.9        | SSE        | 0                 |
| 08   | 5     | 23.5            | 28.5       | 20.6       | 25.1             | 24.9 | 24.4 | 23.4 | 20.9 | 17.4         | 88.0   | 1.0         | 13.2              | 0.4           | 4.9        | ESE        | 0                 |
| 08   | 6     | 22.9            | 27.0       | 19.8       | 24.5             | 24.7 | 24.5 | 23.4 | 20.9 | 17.5         | 90.6   | 15.0        | 10.6              | 0.2           | 3.1        | SE         | 0                 |
| 08   | 7     | 24.0            | 32.3       | 17.3       | 26.0             | 25.4 | 24.6 | 23.4 | 21.0 | 17.6         | 80.8   | 0.0         | 24.0              | 0.4           | 4.7        | SE         | 0                 |
| 08   | 8     | 24.9            | 31.8       | 18.9       | 26.3             | 25.9 | 25.2 | 23.6 | 21.1 | 17.7         | 77.9   | 0.0         | 20.8              | 0.3           | 3.6        | SE         | 0                 |
| 08   | 9     | 26.8            | 34.6       | 20.3       | 27.5             | 26.8 | 25.8 | 23.9 | 21.2 | 17.7         | 75.6   | 0.0         | 23.4              | 0.3           | 4.4        | SSE        | 0                 |
| 08   | 10    | 27.6            | 35.4       | 22.2       | 28.2             | 27.5 | 26.5 | 24.2 | 21.2 | 17.8         | 72.7   | 0.0         | 22.6              | 0.4           | 5.6        | SE         | 0                 |
| 08   | 11    | 24.7            | 34.1       | 20.7       | 26.8             | 26.9 | 26.4 | 24.5 | 21.3 | 17.8         | 85.9   | 30.5        | 18.4              | 0.5           | 6.6        | W          | 0                 |
| 08   | 12    | 25.2            | 32.0       | 20.5       | 26.8             | 26.5 | 26.0 | 24.7 | 21.5 | 17.9         | 84.4   | 0.0         | 18.3              | 0.3           | 3.8        | S          | 0                 |
| 08   | 13    | 24.6            | 30.1       | 21.0       | 26.9             | 26.8 | 26.3 | 24.7 | 21.7 | 18.0         | 83.5   | 0.0         | 16.1              | 0.3           | 4.4        | ESE        | 0                 |
| 08   | 14    | 25.0            | 32.5       | 19.0       | 26.9             | 26.7 | 26.1 | 24.8 | 21.8 | 18.1         | 75.0   | 0.0         | 24.1              | 0.4           | 5.0        | SSE        | 0                 |
| 08   | 15    | 24.9            | 33.2       | 18.9       | 26.6             | 26.6 | 26.2 | 24.8 | 21.9 | 18.2         | 76.2   | 0.0         | 19.4              | 0.3           | 4.0        | S          | 0                 |
| 08   | 16    | 23.7            | 32.1       | 19.5       | 26.5             | 26.5 | 26.2 | 24.9 | 22.0 | 18.3         | 83.6   | 6.5         | 19.4              | 0.4           | 5.7        | SE         | 0                 |
| 08   | 17    | 24.1            | 31.5       | 17.7       | 26.3             | 26.3 | 25.9 | 24.9 | 22.1 | 18.3         | 82.6   | 0.0         | 22.8              | 0.3           | 4.0        | SE         | 0                 |
| 08   | 18    | 25.0            | 31.7       | 19.2       | 26.9             | 26.8 | 26.2 | 24.9 | 22.2 | 18.4         | 79.5   | 0.0         | 22.3              | 0.4           | 4.3        | SSE        | 0                 |
| 08   | 19    | 25.6            | 33.0       | 20.2       | 27.7             | 27.3 | 26.6 | 25.0 | 22.2 | 18.5         | 77.6   | 0.0         | 22.0              | 0.3           | 4.2        | SSE        | 0                 |
| 08   | 20    | 24.8            | 30.5       | 20.2       | 26.6             | 26.8 | 26.5 | 25.2 | 22.3 | 18.5         | 82.5   | 0.0         | 14.8              | 0.3           | 4.0        | ESE        | 0                 |
| 08   | 21    | 24.8            | 29.7       | 21.4       | 26.6             | 26.5 | 26.3 | 25.2 | 22.2 | 18.6         | 87.4   | 0.0         | 11.9              | 0.3           | 3.8        | ESE        | 0                 |
| 08   | 22    | 25.5            | 31.8       | 20.4       | 27.7             | 27.1 | 26.5 | 25.2 | 22.3 | 18.6         | 81.8   | 0.0         | 19.0              | 0.3           | 4.9        | ESE        | 0                 |
| 08   | 23    | 22.4            | 24.6       | 20.9       | 24.7             | 25.5 | 26.1 | 25.3 | 22.2 | 18.6         | 94.9   | 27.0        | 3.2               | 0.0           | 2.5        | S          | 0                 |
| 08   | 24    | 21.5            | 24.3       | 19.8       | 23.4             | 24.1 | 24.7 | 25.0 | 22.3 | 18.8         | 96.4   | 0.0         | 5.8               | 0.0           | 2.7        | W          | 0                 |
| 08   | 25    | 19.8            | 22.1       | 17.3       | 22.5             | 23.4 | 24.1 | 24.6 | 22.4 | 18.9         | 97.0   | 8.5         | 5.5               | 0.0           | 2.3        | WNW        | 0                 |
| 08   | 26    | 19.2            | 26.7       | 12.7       | 22.5             | 23.1 | 23.5 | 24.3 | 22.5 | 19.0         | 86.1   | 20.5        | 16.3              | 0.1           | 3.2        | W          | 0                 |
| 08   | 27    | 20.2            | 28.1       | 16.0       | 23.9             | 23.8 | 23.8 | 24.0 | 22.4 | 19.0         | 84.4   | 5.5         | 21.5              | 0.2           | 3.7        | SSW        | 0                 |
| 08   | 28    | 21.1            | 30.1       | 14.8       | 24.1             | 24.2 | 24.1 | 23.9 | 22.5 | 19.1         | 76.1   | 0.0         | 21.2              | 0.3           | 4.2        | SSW        | 0                 |
| 08   | 29    | 22.0            | 28.7       | 16.2       | 24.9             | 24.7 | 24.5 | 24.0 | 22.4 | 19.2         | 81.1   | 0.0         | 23.1              | 0.4           | 4.6        | SE         | 0                 |
| 08   | 30    | 24.2            | 33.3       | 18.7       | 25.1             | 25.0 | 24.8 | 24.1 | 22.3 | 19.3         | 79.5   | 0.0         | 14.9              | 0.3           | 4.0        | WSW        | 0                 |
| 08   | 31    | 25.0            | 31.1       | 19.5       | 26.2             | 25.7 | 25.2 | 24.2 | 22.3 | 19.3         | 78.3   | 0.0         | 20.3              | 0.4           | 4.9        | SSE        | 0                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 117.5       |                   |               |            |            |                   |
| 平均   | Mean  | 23.7            | 30.2       | 19.0       | 25.7             | 25.6 | 25.3 | 24.3 | 21.7 | 18.2         | 83.4   | 3.8         | 17.2              | 0.3           | 4.2        |            | 0.0               |
| 最大   | Max.  | 27.6            | 35.4       | 22.2       | 28.2             | 27.5 | 26.6 | 25.3 | 22.5 | 19.3         | 97.0   | 30.5        | 24.1              | 0.5           | 6.6        |            | 0.0               |
| 最低   | Min.  | 19.2            | 22.1       | 12.7       | 22.5             | 23.1 | 23.5 | 23.1 | 20.6 | 17.1         | 72.7   | 0.0         | 3.2               | 0.0           | 2.3        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)



2013年 09月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 24.5            | 31.0       | 20.6       | 25.7             | 25.6 | 25.5 | 24.4 | 22.2 | 19.3         | 84.4   | 2.5         | 14.5              | 0.4           | 4.2        | E          | 0                 |
| 09   | 2     | 21.4            | 23.9       | 19.3       | 23.9             | 24.5 | 25.0 | 24.5 | 22.1 | 19.3         | 96.5   | 0.5         | 6.1               | 0.3           | 4.3        | ESE        | 0                 |
| 09   | 3     | 22.2            | 28.8       | 18.7       | 24.2             | 24.3 | 24.5 | 24.4 | 22.2 | 19.4         | 88.7   | 0.0         | 14.8              | 0.4           | 5.1        | SSW        | 0                 |
| 09   | 4     | 20.3            | 23.4       | 17.2       | 22.8             | 23.5 | 24.1 | 24.3 | 22.2 | 19.5         | 94.6   | 13.0        | 8.6               | 0.3           | 4.7        | ESE        | 0                 |
| 09   | 5     | 22.0            | 27.5       | 19.6       | 23.9             | 23.7 | 23.9 | 24.0 | 22.1 | 19.5         | 93.5   | 16.0        | 15.4              | 0.3           | 4.6        | SE         | 0                 |
| 09   | 6     | 20.7            | 27.0       | 18.5       | 23.5             | 23.8 | 24.2 | 24.0 | 22.0 | 19.5         | 93.5   | 3.0         | 9.6               | 0.4           | 5.2        | ESE        | 0                 |
| 09   | 7     | 19.0            | 20.7       | 17.8       | 21.6             | 22.6 | 23.4 | 23.9 | 22.0 | 19.5         | 98.6   | 1.0         | 3.5               | 0.0           | 2.5        | E          | 0                 |
| 09   | 8     | 19.5            | 21.2       | 18.2       | 21.2             | 22.0 | 22.8 | 23.7 | 22.1 | 19.6         | 99.6   | 5.0         | 2.5               | 0.0           | 2.5        | ESE        | 0                 |
| 09   | 9     | 19.5            | 24.7       | 17.0       | 22.7             | 22.7 | 22.8 | 23.4 | 22.0 | 19.6         | 89.2   | 0.0         | 14.4              | 0.3           | 4.8        | ESE        | 0                 |
| 09   | 10    | 18.4            | 22.0       | 16.8       | 21.1             | 21.9 | 22.7 | 23.3 | 21.9 | 19.6         | 93.0   | 0.0         | 5.2               | 0.2           | 3.3        | ESE        | 0                 |
| 09   | 11    | 18.2            | 19.4       | 17.0       | 20.3             | 21.1 | 22.0 | 23.1 | 21.9 | 19.7         | 98.2   | 0.0         | 3.1               | 0.1           | 2.5        | ESE        | 0                 |
| 09   | 12    | 21.2            | 28.6       | 16.3       | 22.6             | 22.3 | 22.3 | 22.9 | 21.9 | 19.7         | 89.6   | 1.0         | 14.8              | 0.2           | 4.0        | S          | 0                 |
| 09   | 13    | 21.7            | 27.2       | 18.5       | 22.9             | 22.9 | 23.0 | 22.9 | 21.7 | 19.7         | 91.7   | 0.0         | 8.7               | 0.2           | 3.1        | SE         | 0                 |
| 09   | 14    | 22.2            | 27.8       | 18.4       | 23.4             | 23.2 | 23.2 | 23.0 | 21.6 | 19.7         | 88.3   | 0.0         | 13.4              | 0.4           | 4.7        | ESE        | 0                 |
| 09   | 15    | 20.0            | 23.0       | 18.2       | 21.7             | 22.2 | 22.8 | 23.1 | 21.4 | 19.7         | 97.5   | 52.0        | 6.7               | 0.1           | 3.4        | ESE        | 0                 |
| 09   | 16    | 18.7            | 21.9       | 11.1       | 19.6             | 20.7 | 21.5 | 22.7 | 21.6 | 20.0         | 93.1   | 129.5       | 3.6               | 0.6           | 13.5       | NW         | 0                 |
| 09   | 17    | 16.8            | 27.3       | 9.2        | 19.5             | 20.0 | 20.5 | 22.2 | 21.8 | 20.5         | 65.8   | 0.0         | 23.1              | 0.5           | 4.2        | W          | 0                 |
| 09   | 18    | 17.4            | 26.1       | 11.0       | 20.5             | 20.8 | 21.1 | 22.0 | 21.7 | 20.4         | 71.3   | 0.0         | 21.5              | 0.4           | 4.9        | SSW        | 0                 |
| 09   | 19    | 17.9            | 26.1       | 12.1       | 21.0             | 21.2 | 21.4 | 22.0 | 21.5 | 20.4         | 74.3   | 0.0         | 21.4              | 0.4           | 5.2        | SSE        | 0                 |
| 09   | 20    | 18.4            | 26.8       | 11.6       | 21.6             | 21.7 | 21.7 | 22.0 | 21.4 | 20.4         | 81.3   | 0.0         | 20.5              | 0.4           | 4.6        | S          | 0                 |
| 09   | 21    | 19.3            | 27.2       | 13.7       | 22.0             | 22.1 | 22.1 | 22.1 | 21.4 | 20.3         | 77.1   | 0.0         | 18.3              | 0.4           | 4.5        | SSW        | 0                 |
| 09   | 22    | 19.5            | 26.8       | 14.6       | 21.6             | 21.8 | 22.0 | 22.2 | 21.3 | 20.3         | 78.8   | 0.0         | 15.4              | 0.3           | 3.6        | SSE        | 0                 |
| 09   | 23    | 15.2            | 17.3       | 14.0       | 19.4             | 20.6 | 21.5 | 22.2 | 21.2 | 20.3         | 96.0   | 3.0         | 3.7               | 0.3           | 3.9        | E          | 0                 |
| 09   | 24    | 17.2            | 23.0       | 13.6       | 19.9             | 20.2 | 20.7 | 21.9 | 21.2 | 20.2         | 93.9   | 2.0         | 11.4              | 0.2           | 4.0        | SE         | 0                 |
| 09   | 25    | 19.3            | 24.0       | 15.6       | 20.8             | 20.9 | 21.2 | 21.7 | 21.1 | 20.2         | 93.1   | 0.5         | 8.9               | 0.1           | 3.4        | SE         | 0                 |
| 09   | 26    | 17.1            | 22.8       | 9.8        | 20.5             | 21.1 | 21.4 | 21.7 | 21.0 | 20.1         | 83.7   | 2.0         | 9.5               | 0.3           | 4.9        | WSW        | 0                 |
| 09   | 27    | 13.0            | 21.6       | 6.3        | 18.6             | 19.5 | 20.4 | 21.7 | 20.9 | 20.1         | 71.7   | 0.0         | 20.9              | 0.6           | 4.7        | SW         | 0                 |
| 09   | 28    | 13.9            | 21.5       | 7.2        | 18.9             | 19.5 | 20.1 | 21.4 | 20.9 | 20.1         | 81.5   | 0.0         | 19.8              | 0.5           | 4.6        | S          | 0                 |
| 09   | 29    | 16.0            | 23.2       | 10.5       | 20.1             | 20.1 | 20.4 | 21.2 | 20.8 | 20.0         | 79.8   | 0.0         | 19.1              | 0.6           | 4.2        | SSW        | 0                 |
| 09   | 30    | 16.0            | 22.5       | 9.8        | 20.2             | 20.4 | 20.6 | 21.2 | 20.7 | 20.0         | 80.6   | 0.0         | 18.3              | 0.6           | 4.9        | SSW        | 0                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 231.0       |                   |               |            |            |                   |
| 平均   | Mean  | 18.9            | 24.5       | 14.7       | 21.5             | 21.9 | 22.3 | 22.8 | 21.6 | 19.9         | 87.3   | 7.7         | 12.5              | 0.3           | 4.5        |            | 0.0               |
| 最大   | Max.  | 24.5            | 31.0       | 20.6       | 25.7             | 25.6 | 25.5 | 24.5 | 22.2 | 20.5         | 99.6   | 129.5       | 23.1              | 0.6           | 13.5       |            | 0.0               |
| 最低   | Min.  | 13.0            | 17.3       | 6.3        | 18.6             | 19.5 | 20.1 | 21.2 | 20.7 | 19.3         | 65.8   | 0.0         | 2.5               | 0.0           | 2.5        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 10月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 17.2            | 19.8       | 14.4       | 19.0             | 19.7 | 20.4 | 21.2 | 20.5 | 19.9         | 97.1   | 4.5         | 3.6               | 0.1           | 2.5        | W          | 0                 |
| 10   | 2     | 19.5            | 25.5       | 16.9       | 20.5             | 20.3 | 20.5 | 21.1 | 20.5 | 19.9         | 94.6   | 1.0         | 9.5               | 0.1           | 2.5        | SW         | 0                 |
| 10   | 3     | 17.5            | 22.5       | 14.6       | 19.5             | 20.1 | 20.7 | 21.1 | 20.4 | 19.9         | 94.6   | 2.5         | 5.1               | 0.3           | 4.7        | WSW        | 0                 |
| 10   | 4     | 13.9            | 15.2       | 13.2       | 17.5             | 18.7 | 19.8 | 21.0 | 20.3 | 19.8         | 99.4   | 2.0         | 2.2               | 0.2           | 2.9        | ESE        | 0                 |
| 10   | 5     | 15.4            | 17.8       | 12.9       | 17.4             | 18.1 | 19.0 | 20.7 | 20.2 | 19.8         | 99.3   | 8.5         | 4.6               | 0.0           | 0.0        | N          | 0                 |
| 10   | 6     | 18.4            | 24.2       | 14.6       | 19.6             | 19.3 | 19.5 | 20.4 | 20.1 | 19.8         | 93.3   | 0.0         | 12.6              | 0.3           | 3.9        | ESE        | 0                 |
| 10   | 7     | 17.7            | 21.3       | 14.2       | 19.1             | 19.5 | 19.9 | 20.5 | 20.1 | 19.7         | 94.3   | 0.0         | 6.2               | 0.2           | 3.5        | ESE        | 0                 |
| 10   | 8     | 18.7            | 25.1       | 13.6       | 19.8             | 19.8 | 20.0 | 20.5 | 20.0 | 19.7         | 88.9   | 0.0         | 13.6              | 0.4           | 4.7        | S          | 0                 |
| 10   | 9     | 20.3            | 25.4       | 16.8       | 19.1             | 19.6 | 20.1 | 20.6 | 20.0 | 19.7         | 77.3   | 0.0         | 5.7               | 1.5           | 10.7       | WNW        | 0                 |
| 10   | 10    | 19.0            | 24.9       | 15.6       | 19.0             | 19.3 | 19.8 | 20.5 | 19.9 | 19.6         | 89.4   | 0.0         | 6.9               | 0.4           | 4.1        | ESE        | 0                 |
| 10   | 11    | 20.0            | 28.1       | 16.1       | 20.6             | 20.4 | 20.3 | 20.5 | 20.0 | 19.6         | 79.0   | 1.0         | 14.3              | 1.3           | 10.3       | WNW        | 0                 |
| 10   | 12    | 18.8            | 27.6       | 9.9        | 21.1             | 21.0 | 20.8 | 20.6 | 20.1 | 19.7         | 69.9   | 0.0         | 17.7              | 0.7           | 5.0        | WSW        | 0                 |
| 10   | 13    | 13.5            | 23.7       | 6.8        | 19.3             | 20.0 | 20.5 | 20.7 | 20.1 | 19.7         | 65.5   | 0.0         | 18.0              | 0.8           | 4.5        | WSW        | 0                 |
| 10   | 14    | 12.9            | 20.1       | 7.7        | 18.8             | 19.4 | 19.9 | 20.6 | 20.1 | 19.6         | 78.7   | 0.0         | 16.8              | 0.6           | 4.9        | SW         | 0                 |
| 10   | 15    | 12.1            | 13.9       | 9.1        | 15.8             | 17.5 | 18.9 | 20.3 | 20.0 | 19.6         | 96.9   | 53.0        | 2.4               | 0.2           | 3.3        | W          | 0                 |
| 10   | 16    | 13.4            | 19.4       | 7.8        | 14.8             | 15.4 | 16.1 | 18.6 | 19.7 | 19.6         | 84.4   | 86.5        | 8.8               | 0.9           | 10.4       | NW         | 0                 |
| 10   | 17    | 10.1            | 17.9       | 4.7        | 14.0             | 14.9 | 15.6 | 17.8 | 19.5 | 19.7         | 78.5   | 0.0         | 12.4              | 0.5           | 4.4        | SW         | 0                 |
| 10   | 18    | 11.0            | 15.8       | 7.1        | 15.0             | 15.5 | 16.0 | 17.6 | 19.2 | 19.6         | 85.6   | 0.0         | 10.8              | 0.4           | 4.3        | SE         | 0                 |
| 10   | 19    | 10.0            | 11.6       | 8.7        | 13.7             | 15.0 | 15.9 | 17.6 | 19.1 | 19.6         | 97.7   | 3.5         | 2.9               | 0.2           | 3.1        | ESE        | 0                 |
| 10   | 20    | 11.2            | 12.0       | 10.1       | 12.8             | 14.0 | 15.0 | 17.3 | 18.7 | 19.5         | 99.9   | 43.0        | 2.1               | 0.1           | 2.4        | ESE        | 0                 |
| 10   | 21    | 14.1            | 18.2       | 10.3       | 14.6             | 14.7 | 15.0 | 16.8 | 18.5 | 19.5         | 95.6   | 0.0         | 8.4               | 0.1           | 3.4        | ESE        | 0                 |
| 10   | 22    | 12.4            | 13.9       | 10.7       | 14.6             | 15.3 | 15.7 | 16.8 | 18.3 | 19.4         | 100.0  | 5.5         | 2.4               | 0.2           | 3.4        | E          | 0                 |
| 10   | 23    | 10.7            | 12.0       | 9.5        | 13.4             | 14.5 | 15.3 | 16.9 | 18.2 | 19.4         | 100.0  | 6.5         | 1.9               | 0.1           | 3.1        | E          | 0                 |
| 10   | 24    | 10.7            | 12.1       | 9.3        | 13.2             | 14.1 | 14.9 | 16.7 | 18.1 | 19.3         | 99.5   | 1.0         | 3.2               | 0.0           | 2.4        | ESE        | 0                 |
| 10   | 25    | 13.6            | 16.0       | 11.0       | 14.4             | 14.7 | 15.1 | 16.5 | 17.9 | 19.2         | 99.8   | 44.0        | 3.7               | 0.0           | 1.8        | SSE        | 0                 |
| 10   | 26    | 10.5            | 13.9       | 5.1        | 13.3             | 14.3 | 14.9 | 16.2 | 17.4 | 19.1         | 95.0   | 38.5        | 5.1               | 0.2           | 6.5        | NW         | 0                 |
| 10   | 27    | 9.1             | 18.6       | 3.8        | 13.0             | 13.6 | 14.1 | 15.9 | 17.3 | 19.1         | 78.5   | 0.0         | 16.2              | 0.6           | 6.6        | WSW        | 0                 |
| 10   | 28    | 8.8             | 17.2       | 2.8        | 13.2             | 13.7 | 14.3 | 15.7 | 17.2 | 19.0         | 81.3   | 0.0         | 15.6              | 0.6           | 4.0        | SW         | 0                 |
| 10   | 29    | 9.3             | 13.2       | 5.5        | 12.1             | 13.2 | 14.1 | 15.7 | 17.1 | 18.9         | 94.9   | 5.0         | 5.7               | 0.1           | 2.8        | WSW        | 0                 |
| 10   | 30    | 12.2            | 19.7       | 6.5        | 14.5             | 14.3 | 14.3 | 15.5 | 17.0 | 18.7         | 88.5   | 0.0         | 13.6              | 0.4           | 4.5        | SSW        | 0                 |
| 10   | 31    | 10.6            | 18.6       | 5.7        | 13.6             | 14.1 | 14.6 | 15.5 | 16.9 | 18.7         | 77.7   | 0.0         | 12.1              | 0.7           | 4.2        | W          | 0                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 306.0       |                   |               |            |            |                   |
| 平均   | Mean  | 13.9            | 18.9       | 10.2       | 16.3             | 16.9 | 17.4 | 18.6 | 19.1 | 19.5         | 89.5   | 9.9         | 8.5               | 0.4           | 4.3        |            | 0.0               |
| 最大   | Max.  | 20.3            | 28.1       | 16.9       | 21.1             | 21.0 | 20.8 | 21.2 | 20.5 | 19.9         | 100.0  | 86.5        | 18.0              | 1.5           | 10.7       |            | 0.0               |
| 最低   | Min.  | 8.8             | 11.6       | 2.8        | 12.1             | 13.2 | 14.1 | 15.5 | 16.9 | 18.7         | 65.5   | 0.0         | 1.9               | 0.0           | 0.0        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 11月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 9.8             | 18.4       | 4.9        | 13.2             | 13.8 | 14.4 | 15.5 | 16.8 | 18.6         | 76.1   | 0.0         | 13.1              | 0.7           | 3.9        | W          | 0                 |
| 11   | 2     | 9.6             | 16.5       | 4.2        | 12.8             | 13.4 | 14.0 | 15.4 | 16.7 | 18.5         | 87.6   | 0.0         | 10.8              | 0.4           | 4.9        | S          | 0                 |
| 11   | 3     | 11.9            | 18.7       | 8.0        | 13.1             | 13.6 | 14.1 | 15.3 | 16.6 | 18.4         | 82.6   | 0.0         | 7.0               | 0.2           | 2.9        | NW         | 0                 |
| 11   | 4     | 11.8            | 19.1       | 6.1        | 13.7             | 14.1 | 14.4 | 15.3 | 16.5 | 18.3         | 86.6   | 2.5         | 6.8               | 0.3           | 5.4        | NW         | 0                 |
| 11   | 5     | 9.4             | 17.5       | 4.7        | 12.9             | 13.5 | 14.0 | 15.2 | 16.4 | 18.3         | 70.6   | 0.0         | 13.8              | 0.6           | 4.8        | WSW        | 0                 |
| 11   | 6     | 8.9             | 17.0       | 2.9        | 12.6             | 13.1 | 13.8 | 15.1 | 16.3 | 18.2         | 78.1   | 0.0         | 14.0              | 0.6           | 4.4        | WSW        | 0                 |
| 11   | 7     | 10.1            | 15.9       | 6.2        | 12.5             | 13.2 | 13.8 | 15.0 | 16.2 | 18.1         | 88.8   | 5.5         | 7.4               | 0.3           | 5.7        | NNW        | 0                 |
| 11   | 8     | 9.5             | 18.8       | 4.2        | 12.3             | 12.8 | 13.4 | 14.9 | 16.2 | 18.0         | 69.5   | 0.0         | 13.8              | 0.7           | 4.4        | W          | 0                 |
| 11   | 9     | 7.2             | 12.6       | 3.3        | 11.2             | 12.1 | 13.1 | 14.7 | 16.1 | 17.9         | 88.1   | 0.0         | 8.8               | 0.9           | 4.8        | ESE        | 0                 |
| 11   | 10    | 10.7            | 20.4       | 6.3        | 11.8             | 12.3 | 12.9 | 14.5 | 16.0 | 17.8         | 87.2   | 0.0         | 6.7               | 0.9           | 11.9       | NNW        | 0                 |
| 11   | 11    | 6.9             | 13.0       | 0.1        | 11.4             | 12.4 | 13.1 | 14.4 | 15.9 | 17.8         | 76.0   | 0.0         | 7.8               | 0.8           | 8.8        | S          | 0                 |
| 11   | 12    | 2.9             | 11.1       | -1.8       | 8.6              | 10.3 | 11.7 | 14.2 | 15.8 | 17.7         | 69.4   | 0.0         | 9.7               | 0.7           | 4.0        | NNW        | 0                 |
| 11   | 13    | 2.8             | 11.0       | -1.3       | 8.2              | 9.6  | 10.9 | 13.7 | 15.7 | 17.6         | 70.2   | 0.0         | 11.1              | 0.8           | 5.4        | WSW        | 0                 |
| 11   | 14    | 3.8             | 11.7       | -1.6       | 8.5              | 9.4  | 10.5 | 13.3 | 15.6 | 17.6         | 73.6   | 0.0         | 12.5              | 0.8           | 4.9        | SSE        | 0                 |
| 11   | 15    | 4.6             | 7.8        | 1.9        | 7.5              | 9.1  | 10.4 | 13.0 | 15.4 | 17.5         | 94.6   | 1.0         | 1.8               | 0.3           | 3.4        | WNW        | 0                 |
| 11   | 16    | 6.5             | 15.1       | 1.2        | 8.9              | 9.3  | 10.1 | 12.6 | 15.2 | 17.4         | 75.8   | 0.0         | 13.0              | 0.7           | 4.1        | WSW        | 0                 |
| 11   | 17    | 7.2             | 15.5       | 2.1        | 9.6              | 10.0 | 10.6 | 12.5 | 15.0 | 17.3         | 72.5   | 0.0         | 12.5              | 0.5           | 3.9        | SW         | 0                 |
| 11   | 18    | 8.9             | 17.4       | 3.7        | 10.4             | 10.6 | 10.9 | 12.5 | 14.8 | 17.2         | 70.4   | 0.0         | 12.2              | 0.6           | 4.9        | WSW        | 0                 |
| 11   | 19    | 5.0             | 13.4       | 0.4        | 9.2              | 10.2 | 11.0 | 12.5 | 14.7 | 17.2         | 47.2   | 0.0         | 13.5              | 1.0           | 9.6        | W          | 0                 |
| 11   | 20    | 5.8             | 14.6       | 0.3        | 8.3              | 9.3  | 10.2 | 12.3 | 14.5 | 17.1         | 47.2   | 0.0         | 12.8              | 1.2           | 8.5        | W          | 0                 |
| 11   | 21    | 5.6             | 15.5       | 1.1        | 8.4              | 9.2  | 10.0 | 12.1 | 14.4 | 17.0         | 56.6   | 0.0         | 11.4              | 0.8           | 5.5        | W          | 0                 |
| 11   | 22    | 5.4             | 14.8       | 0.8        | 7.8              | 8.7  | 9.7  | 11.9 | 14.3 | 16.9         | 62.2   | 0.0         | 9.8               | 0.7           | 4.1        | WNW        | 0                 |
| 11   | 23    | 5.4             | 14.7       | 0.1        | 8.2              | 8.8  | 9.5  | 11.6 | 14.1 | 16.8         | 64.9   | 0.0         | 12.5              | 0.8           | 4.2        | W          | 0                 |
| 11   | 24    | 6.6             | 16.3       | 0.9        | 8.6              | 9.0  | 9.6  | 11.5 | 14.0 | 16.8         | 65.3   | 0.0         | 11.9              | 0.8           | 4.2        | W          | 0                 |
| 11   | 25    | 5.4             | 8.1        | 2.2        | 7.0              | 8.3  | 9.4  | 11.4 | 13.8 | 16.7         | 88.6   | 16.0        | 2.6               | 0.7           | 7.3        | ENE        | 0                 |
| 11   | 26    | 6.9             | 15.4       | 0.4        | 9.0              | 9.1  | 9.4  | 11.1 | 13.6 | 16.5         | 75.0   | 0.0         | 12.2              | 0.4           | 5.3        | SW         | 0                 |
| 11   | 27    | 5.5             | 12.2       | -0.7       | 7.9              | 8.5  | 9.3  | 11.1 | 13.5 | 16.5         | 64.8   | 0.5         | 10.8              | 1.4           | 12.7       | WSW        | 0                 |
| 11   | 28    | 7.9             | 15.1       | -1.1       | 8.2              | 8.9  | 9.5  | 11.0 | 13.3 | 16.3         | 41.5   | 0.0         | 9.7               | 1.4           | 9.2        | W          | 0                 |
| 11   | 29    | 2.9             | 10.9       | -2.3       | 6.2              | 7.4  | 8.6  | 10.9 | 13.2 | 16.3         | 45.5   | 0.0         | 11.9              | 0.7           | 10.3       | W          | 0                 |
| 11   | 30    | 2.6             | 11.2       | -2.2       | 6.0              | 7.0  | 8.1  | 10.6 | 13.1 | 16.2         | 57.8   | 0.0         | 11.8              | 0.5           | 4.1        | SW         | 0                 |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 25.5        |                   |               |            |            |                   |
| 平均   | Mean  | 6.9             | 14.6       | 1.8        | 9.8              | 10.6 | 11.3 | 13.2 | 15.1 | 17.4         | 71.1   | 0.9         | 10.5              | 0.7           | 5.9        |            | 0.0               |
| 最大   | Max.  | 11.9            | 20.4       | 8.0        | 13.7             | 14.1 | 14.4 | 15.5 | 16.8 | 18.6         | 94.6   | 16.0        | 14.0              | 1.4           | 12.7       |            | 0.0               |
| 最低   | Min.  | 2.6             | 7.8        | -2.3       | 6.0              | 7.0  | 8.1  | 10.6 | 13.1 | 16.2         | 41.5   | 0.0         | 1.8               | 0.2           | 2.9        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2013年 12月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 4.7             | 14.8       | -0.7       | 6.2              | 7.0 | 7.9 | 10.3 | 13.0 | 16.1         | 59.3   | 0.0         | 10.5              | 0.7           | 4.0        | W          | 0                 |
| 12   | 2     | 4.7             | 14.3       | -0.7       | 6.6              | 7.2 | 7.9 | 10.1 | 12.8 | 16.0         | 69.9   | 0.0         | 10.7              | 0.6           | 3.6        | WSW        | 0                 |
| 12   | 3     | 4.8             | 13.6       | -0.1       | 6.5              | 7.2 | 7.9 | 10.0 | 12.7 | 15.9         | 68.5   | 0.0         | 9.8               | 0.5           | 4.3        | SSW        | 0                 |
| 12   | 4     | 3.8             | 11.3       | -0.3       | 6.0              | 6.9 | 7.8 | 9.9  | 12.5 | 15.8         | 78.3   | 0.0         | 8.5               | 0.6           | 4.2        | W          | 0                 |
| 12   | 5     | 4.9             | 14.0       | 0.1        | 6.4              | 7.0 | 7.6 | 9.7  | 12.4 | 15.7         | 69.2   | 0.0         | 11.0              | 0.7           | 4.4        | WSW        | 0                 |
| 12   | 6     | 5.7             | 15.0       | 0.8        | 6.0              | 6.9 | 7.7 | 9.6  | 12.3 | 15.6         | 59.3   | 0.0         | 8.9               | 1.1           | 10.0       | WNW        | 0                 |
| 12   | 7     | 3.6             | 12.4       | -0.5       | 5.8              | 6.6 | 7.4 | 9.5  | 12.1 | 15.5         | 68.8   | 0.0         | 10.6              | 0.6           | 5.5        | ESE        | 0                 |
| 12   | 8     | 2.4             | 10.7       | -1.8       | 5.7              | 6.5 | 7.3 | 9.4  | 12.0 | 15.5         | 67.9   | 0.0         | 10.9              | 0.6           | 5.5        | S          | 0                 |
| 12   | 9     | 1.6             | 8.6        | -2.4       | 4.7              | 5.9 | 6.9 | 9.2  | 11.9 | 15.4         | 73.7   | 0.0         | 8.6               | 0.6           | 4.8        | S          | 0                 |
| 12   | 10    | 5.1             | 11.1       | 0.2        | 5.5              | 6.1 | 6.8 | 9.0  | 11.7 | 15.3         | 76.8   | 12.5        | 5.6               | 1.3           | 16.6       | WNW        | 0                 |
| 12   | 11    | 2.4             | 8.9        | -2.1       | 4.6              | 5.6 | 6.5 | 8.8  | 11.6 | 15.2         | 70.0   | 0.0         | 9.1               | 0.2           | 4.6        | S          | 0                 |
| 12   | 12    | 2.9             | 9.0        | -2.0       | 4.4              | 5.3 | 6.3 | 8.6  | 11.5 | 15.1         | 45.9   | 0.0         | 10.2              | 0.8           | 8.5        | W          | 0                 |
| 12   | 13    | 2.6             | 9.2        | -2.1       | 3.3              | 4.6 | 5.8 | 8.5  | 11.4 | 15.0         | 49.3   | 0.0         | 6.6               | 1.1           | 10.5       | W          | 0                 |
| 12   | 14    | 1.5             | 9.4        | -3.6       | 3.6              | 4.4 | 5.5 | 8.2  | 11.2 | 14.9         | 44.9   | 0.0         | 11.0              | 0.4           | 6.1        | S          | 0                 |
| 12   | 15    | 2.9             | 9.6        | -1.6       | 4.0              | 4.7 | 5.5 | 8.0  | 11.1 | 14.8         | 41.7   | 0.0         | 10.9              | 1.1           | 11.3       | W          | 0                 |
| 12   | 16    | 1.7             | 9.1        | -1.7       | 3.9              | 4.6 | 5.5 | 7.8  | 10.9 | 14.8         | 42.2   | 0.0         | 10.6              | 1.0           | 7.4        | W          | 0                 |
| 12   | 17    | 2.2             | 9.0        | -1.2       | 3.7              | 4.5 | 5.4 | 7.7  | 10.8 | 14.7         | 57.2   | 0.0         | 7.6               | 0.3           | 3.7        | SSE        | 0                 |
| 12   | 18    | 0.2             | 2.3        | -0.9       | 2.7              | 4.0 | 5.1 | 7.6  | 10.6 | 14.6         | 87.8   | 0.0         | 1.2               | 0.0           | 0.9        | W          | 0                 |
| 12   | 19    | 0.8             | 3.1        | -0.8       | 2.2              | 3.5 | 4.7 | 7.4  | 10.5 | 14.5         | 98.0   | 10.5        | 2.2               | 0.0           | 0.0        | N          | 16                |
| 12   | 20    | -0.3            | 1.6        | -3.3       | 2.0              | 3.2 | 4.3 | 7.1  | 10.3 | 14.4         | 98.2   | 8.0         | 0.7               | 0.0           | 2.7        | E          | 0                 |
| 12   | 21    | 0.3             | 6.8        | -3.3       | 2.0              | 3.0 | 4.1 | 6.8  | 10.2 | 14.3         | 92.7   | 10.0        | 6.3               | 0.1           | 3.7        | W          | 0                 |
| 12   | 22    | 0.4             | 7.8        | -4.3       | 1.9              | 2.8 | 3.9 | 6.6  | 10.0 | 14.2         | 72.2   | 4.5         | 11.0              | 0.5           | 6.8        | SW         | 0                 |
| 12   | 23    | -1.4            | 5.9        | -5.9       | 0.4              | 2.0 | 3.4 | 6.4  | 9.8  | 14.1         | 75.5   | 1.0         | 6.5               | 0.2           | 3.1        | SW         | 0                 |
| 12   | 24    | 0.4             | 9.7        | -4.0       | 2.0              | 2.5 | 3.3 | 6.1  | 9.6  | 14.0         | 65.2   | 0.0         | 10.1              | 0.6           | 7.2        | WSW        | 0                 |
| 12   | 25    | -1.0            | 7.7        | -6.2       | 1.9              | 2.6 | 3.5 | 5.9  | 9.5  | 14.0         | 64.3   | 0.0         | 11.0              | 0.5           | 4.0        | SW         | 0                 |
| 12   | 26    | 1.3             | 9.1        | -3.2       | 1.7              | 2.5 | 3.4 | 5.8  | 9.3  | 13.9         | 74.8   | 1.5         | 6.9               | 0.4           | 9.4        | W          | 0                 |
| 12   | 27    | 0.7             | 3.4        | -2.8       | 2.0              | 2.8 | 3.5 | 5.7  | 9.1  | 13.7         | 87.4   | 2.0         | 2.4               | 0.0           | 2.7        | W          | 1                 |
| 12   | 28    | -1.4            | 5.0        | -5.2       | 1.0              | 2.1 | 3.2 | 5.6  | 9.0  | 13.6         | 46.0   | 0.0         | 9.5               | 0.8           | 9.2        | WSW        | 0                 |
| 12   | 29    | -2.1            | 6.5        | -7.1       | 0.7              | 1.7 | 2.8 | 5.4  | 8.8  | 13.5         | 52.7   | 0.0         | 10.7              | 0.3           | 4.1        | SSW        | 0                 |
| 12   | 30    | 0.2             | 9.4        | -4.6       | 1.2              | 1.8 | 2.7 | 5.2  | 8.7  | 13.4         | 52.9   | 0.0         | 11.2              | 0.4           | 3.0        | SSW        | 0                 |
| 12   | 31    | 1.8             | 10.9       | -2.8       | 2.0              | 2.3 | 2.9 | 5.1  | 8.5  | 13.3         | 58.3   | 0.0         | 10.7              | 0.5           | 4.2        | WSW        | 0                 |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 50.0        |                   |               |            |            |                   |
| 平均   | Mean  | 1.8             | 9.0        | -2.4       | 3.6              | 4.4 | 5.4 | 7.8  | 10.8 | 14.7         | 66.7   | 1.6         | 8.4               | 0.5           | 5.7        |            | 0.5               |
| 最大   | Max.  | 5.7             | 15.0       | 0.8        | 6.6              | 7.2 | 7.9 | 10.3 | 13.0 | 16.1         | 98.2   | 12.5        | 11.2              | 1.3           | 16.6       |            | 16.0              |
| 最低   | Min.  | -2.1            | 1.6        | -7.1       | 0.4              | 1.7 | 2.7 | 5.1  | 8.5  | 13.3         | 41.7   | 0.0         | 0.7               | 0.0           | 0.0        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 01月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 4.5             | 12.8       | -2.0       | 2.8              | 3.0 | 3.3 | 5.0 | 8.3 | 13.2         | 48.2   | 0.0         | 11.0              | 0.9           | 8.0        | W          | 0                 |
| 01   | 2     | 2.6             | 10.7       | -3.1       | 3.2              | 3.4 | 3.7 | 5.1 | 8.2 | 13.1         | 59.1   | 0.0         | 11.1              | 0.9           | 10.9       | S          | 0                 |
| 01   | 3     | -0.2            | 7.9        | -4.5       | 2.4              | 3.0 | 3.6 | 5.2 | 8.1 | 13.0         | 68.2   | 0.0         | 10.0              | 0.4           | 4.3        | SSE        | 0                 |
| 01   | 4     | 1.3             | 9.7        | -3.5       | 2.3              | 2.9 | 3.5 | 5.1 | 8.0 | 12.8         | 67.2   | 0.0         | 7.8               | 0.3           | 3.9        | SE         | 0                 |
| 01   | 5     | -1.2            | 6.7        | -5.6       | 2.1              | 2.7 | 3.3 | 5.1 | 7.9 | 12.7         | 65.7   | 0.0         | 10.5              | 0.5           | 4.0        | SE         | 0                 |
| 01   | 6     | -1.5            | 6.3        | -6.0       | 1.9              | 2.5 | 3.2 | 5.0 | 7.8 | 12.6         | 52.8   | 0.0         | 10.5              | 0.6           | 8.2        | WSW        | 0                 |
| 01   | 7     | -1.5            | 7.6        | -7.2       | 1.4              | 2.1 | 2.9 | 4.9 | 7.7 | 12.5         | 52.6   | 0.0         | 11.5              | 0.5           | 4.6        | SSE        | 0                 |
| 01   | 8     | 2.5             | 12.6       | -2.9       | 2.3              | 2.5 | 3.0 | 4.8 | 7.7 | 12.4         | 68.1   | 1.0         | 8.1               | 0.3           | 3.4        | S          | 0                 |
| 01   | 9     | 1.6             | 7.8        | -4.4       | 3.5              | 3.4 | 3.6 | 4.8 | 7.5 | 12.3         | 75.3   | 11.0        | 9.9               | 0.9           | 7.4        | W          | 4                 |
| 01   | 10    | -3.5            | 3.8        | -7.8       | 1.8              | 2.7 | 3.4 | 4.9 | 7.5 | 12.2         | 56.0   | 0.0         | 12.0              | 0.7           | 7.3        | SW         | 0                 |
| 01   | 11    | -1.9            | 6.6        | -7.2       | 1.5              | 2.2 | 2.9 | 4.8 | 7.4 | 12.1         | 59.6   | 0.0         | 11.7              | 0.6           | 4.3        | SSW        | 0                 |
| 01   | 12    | -0.5            | 8.9        | -6.1       | 1.7              | 2.2 | 2.8 | 4.6 | 7.3 | 12.0         | 60.9   | 0.0         | 11.2              | 0.5           | 3.4        | SSW        | 0                 |
| 01   | 13    | -1.1            | 6.4        | -7.0       | 2.2              | 2.5 | 2.9 | 4.5 | 7.3 | 11.9         | 61.3   | 0.0         | 11.9              | 0.6           | 4.9        | SE         | 0                 |
| 01   | 14    | -3.2            | 5.6        | -8.5       | 1.3              | 2.1 | 2.8 | 4.5 | 7.2 | 11.8         | 59.3   | 0.0         | 11.1              | 0.5           | 4.0        | SSW        | 0                 |
| 01   | 15    | -3.1            | 3.7        | -6.1       | 0.3              | 1.4 | 2.4 | 4.4 | 7.1 | 11.8         | 68.0   | 0.0         | 4.8               | 0.2           | 4.6        | S          | 0                 |
| 01   | 16    | -1.5            | 7.8        | -7.1       | 0.9              | 1.4 | 2.1 | 4.2 | 7.0 | 11.7         | 61.3   | 0.0         | 12.4              | 0.6           | 3.4        | SSW        | 0                 |
| 01   | 17    | -1.1            | 8.0        | -5.6       | 1.5              | 1.8 | 2.3 | 4.1 | 6.9 | 11.6         | 64.2   | 0.0         | 11.6              | 0.6           | 5.2        | SSW        | 0                 |
| 01   | 18    | -1.2            | 6.6        | -6.1       | 1.6              | 2.0 | 2.5 | 4.1 | 6.8 | 11.5         | 64.5   | 0.0         | 11.0              | 0.7           | 4.6        | SW         | 0                 |
| 01   | 19    | -2.2            | 3.8        | -7.0       | 2.5              | 2.5 | 2.7 | 4.1 | 6.7 | 11.4         | 54.3   | 0.0         | 12.9              | 0.7           | 8.2        | WSW        | 0                 |
| 01   | 20    | -1.3            | 6.6        | -7.1       | 1.9              | 2.3 | 2.7 | 4.1 | 6.7 | 11.3         | 50.8   | 0.0         | 11.8              | 0.3           | 6.2        | S          | 0                 |
| 01   | 21    | 1.6             | 11.1       | -2.6       | 3.1              | 2.9 | 3.0 | 4.1 | 6.6 | 11.3         | 72.0   | 0.0         | 9.8               | 0.3           | 5.1        | SE         | 0                 |
| 01   | 22    | -2.0            | 5.8        | -6.6       | 3.3              | 3.4 | 3.5 | 4.2 | 6.5 | 11.2         | 76.3   | 3.5         | 8.0               | 0.2           | 5.4        | WSW        | 10                |
| 01   | 23    | -1.1            | 9.9        | -7.7       | 2.5              | 2.8 | 3.2 | 4.3 | 6.5 | 11.1         | 62.8   | 0.0         | 13.3              | 0.2           | 5.2        | SSE        | 0                 |
| 01   | 24    | 0.7             | 10.3       | -5.9       | 2.8              | 2.9 | 3.2 | 4.3 | 6.5 | 11.0         | 62.1   | 0.0         | 12.9              | 0.1           | 3.3        | S          | 0                 |
| 01   | 25    | 4.0             | 12.9       | -0.8       | 2.6              | 3.0 | 3.3 | 4.3 | 6.4 | 10.9         | 47.8   | 0.0         | 8.5               | 0.2           | 6.1        | WSW        | 0                 |
| 01   | 26    | 4.3             | 13.1       | -4.4       | 3.6              | 3.6 | 3.6 | 4.3 | 6.4 | 10.9         | 60.7   | 0.0         | 7.3               | 1.4           | 9.8        | W          | 0                 |
| 01   | 27    | -1.1            | 7.4        | -6.4       | 3.4              | 3.5 | 3.7 | 4.5 | 6.4 | 10.8         | 42.0   | 0.0         | 13.8              | 0.5           | 5.2        | SSE        | 0                 |
| 01   | 28    | 2.8             | 14.7       | -5.9       | 3.4              | 3.5 | 3.7 | 4.5 | 6.4 | 10.7         | 50.0   | 0.0         | 13.1              | 0.6           | 10.8       | W          | 0                 |
| 01   | 29    | 2.8             | 12.1       | -2.9       | 4.3              | 4.1 | 4.0 | 4.6 | 6.3 | 10.6         | 55.9   | 0.0         | 14.0              | 0.4           | 4.2        | SSE        | 0                 |
| 01   | 30    | 3.7             | 11.3       | -2.4       | 2.6              | 3.4 | 3.9 | 4.7 | 6.3 | 10.5         | 70.2   | 6.0         | 5.2               | 1.4           | 11.2       | WNW        | 0                 |
| 01   | 31    | 6.7             | 13.4       | -1.8       | 5.2              | 4.6 | 4.2 | 4.7 | 6.3 | 10.5         | 44.3   | 0.0         | 14.4              | 1.3           | 11.5       | W          | 0                 |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 21.5        |                   |               |            |            |                   |
| 平均   | Mean  | 0.3             | 8.8        | -5.2       | 2.4              | 2.8 | 3.2 | 4.6 | 7.1 | 11.7         | 60.0   | 0.7         | 10.7              | 0.6           | 6.1        |            | 0.5               |
| 最大   | Max.  | 6.7             | 14.7       | -0.8       | 5.2              | 4.6 | 4.2 | 5.2 | 8.3 | 13.2         | 76.3   | 11.0        | 14.4              | 1.4           | 11.5       |            | 10.0              |
| 最低   | Min.  | -3.5            | 3.7        | -8.5       | 0.3              | 1.4 | 2.1 | 4.1 | 6.3 | 10.5         | 42.0   | 0.0         | 4.8               | 0.1           | 3.3        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 02月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日  | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|----|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |    | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |    | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1  | 3.0             | 11.6       | -1.8       | 4.5              | 4.6 | 4.5 | 4.9 | 6.3 | 10.4         | 52.8   | 0.0         | 12.8              | 0.2           | 4.9        | S          | 0                 |
| 02   | 2  | 4.8             | 16.4       | -1.7       | 4.3              | 4.5 | 4.5 | 5.0 | 6.3 | 10.3         | 69.5   | 0.0         | 8.9               | 0.3           | 6.8        | WSW        | 0                 |
| 02   | 3  | 8.8             | 17.6       | 4.1        | 5.3              | 5.1 | 4.9 | 5.1 | 6.3 | 10.3         | 52.3   | 0.0         | 10.2              | 0.1           | 4.9        | WNW        | 0                 |
| 02   | 4  | -0.6            | 5.4        | -6.9       | 3.3              | 4.3 | 4.8 | 5.3 | 6.4 | 10.2         | 88.9   | 0.0         | 0.6               | 0.3           | 4.0        | ESE        | 18                |
| 02   | 5  | -5.2            | 1.8        | -9.4       | 2.1              | 3.2 | 4.0 | 5.3 | 6.4 | 10.2         | 71.3   | 6.0         | 9.0               | 0.6           | 7.3        | SW         | 0                 |
| 02   | 6  | -4.9            | 2.5        | -10.3      | 0.7              | 1.9 | 3.1 | 5.1 | 6.3 | 10.0         | 71.9   | 2.0         | 10.8              | 0.4           | 4.3        | SE         | 0                 |
| 02   | 7  | -2.6            | 6.8        | -8.3       | 1.5              | 1.9 | 2.6 | 4.7 | 6.2 | 10.0         | 64.2   | 0.5         | 14.0              | 0.2           | 4.9        | SSE        | 0                 |
| 02   | 8  | -4.8            | -2.7       | -5.7       | 0.5              | 1.5 | 2.6 | 4.5 | 6.2 | 9.9          | 94.3   | 0.0         | 0.2               | 0.0           | 1.7        | NNE        | 0                 |
| 02   | 9  | 0.8             | 7.4        | -3.4       | 0.5              | 1.3 | 2.2 | 4.3 | 6.2 | 9.9          | 77.9   | 15.5        | 13.6              | 0.4           | 6.1        | W          | 0                 |
| 02   | 10 | -0.4            | 7.3        | -6.1       | 0.6              | 1.2 | 2.1 | 4.1 | 6.1 | 9.9          | 60.3   | 2.0         | 14.9              | 0.3           | 5.3        | SSE        | 30                |
| 02   | 11 | -0.7            | 6.0        | -5.5       | 0.5              | 1.1 | 2.0 | 4.0 | 6.0 | 9.8          | 60.9   | 0.0         | 13.8              | 0.5           | 5.8        | SSE        | 0                 |
| 02   | 12 | -0.5            | 5.1        | -3.1       | 0.5              | 1.1 | 2.0 | 3.9 | 5.9 | 9.8          | 76.9   | 0.0         | 6.5               | 0.2           | 3.6        | S          | 0                 |
| 02   | 13 | -0.7            | 6.6        | -4.8       | 0.0              | 0.8 | 1.8 | 3.8 | 5.8 | 9.8          | 71.9   | 0.0         | 11.1              | 0.6           | 4.8        | W          | 0                 |
| 02   | 14 | -3.1            | -2.4       | -4.2       | 0.1              | 0.9 | 1.8 | 3.7 | 5.9 | 9.8          | 93.7   | 0.0         | 0.3               | 0.0           | 2.5        | NNE        | 0                 |
| 02   | 15 | -0.5            | 2.3        | -4.1       | 0.3              | 0.9 | 1.8 | 3.7 | 5.8 | 9.7          | 92.3   | 0.0         | 3.2               | 0.5           | 8.7        | WNW        | 0                 |
| 02   | 16 | 1.4             | 5.6        | -1.5       | 0.4              | 1.1 | 1.9 | 3.6 | 5.8 | 9.7          | 54.9   | 0.0         | 16.3              | 1.9           | 13.6       | W          | 0                 |
| 02   | 17 | 0.7             | 9.6        | -5.4       | 0.4              | 1.1 | 1.8 | 3.6 | 5.8 | 9.7          | 62.1   | 19.0        | 16.4              | 0.3           | 5.2        | WSW        | 0                 |
| 02   | 18 | -1.2            | 7.0        | -5.8       | 0.4              | 1.0 | 1.8 | 3.5 | 5.7 | 9.6          | 64.4   | 12.0        | 16.3              | 0.3           | 5.3        | SE         | 0                 |
| 02   | 19 | -1.3            | 8.3        | -7.6       | 0.3              | 1.0 | 1.7 | 3.5 | 5.6 | 9.6          | 61.2   | 7.0         | 16.4              | 0.3           | 5.5        | SSW        | 0                 |
| 02   | 20 | -1.0            | 6.4        | -6.4       | 0.2              | 0.9 | 1.6 | 3.4 | 5.6 | 9.5          | 59.6   | 0.5         | 14.6              | 0.2           | 4.2        | ESE        | 0                 |
| 02   | 21 | -1.2            | 7.6        | -6.6       | 0.2              | 0.8 | 1.6 | 3.3 | 5.5 | 9.5          | 62.4   | 0.0         | 17.9              | 0.2           | 5.2        | SSE        | 0                 |
| 02   | 22 | -2.1            | 6.9        | -8.4       | 0.1              | 0.7 | 1.5 | 3.3 | 5.4 | 9.4          | 66.1   | 0.0         | 18.1              | 0.2           | 4.8        | SE         | 0                 |
| 02   | 23 | -1.0            | 6.6        | -7.4       | 0.1              | 0.7 | 1.4 | 3.2 | 5.2 | 9.3          | 68.2   | 0.0         | 16.5              | 0.2           | 4.3        | SE         | 0                 |
| 02   | 24 | 0.2             | 7.4        | -4.9       | 0.0              | 0.6 | 1.4 | 3.1 | 5.1 | 9.2          | 73.3   | 0.0         | 15.0              | 0.1           | 4.3        | SE         | 0                 |
| 02   | 25 | 1.6             | 11.0       | -4.4       | 0.0              | 0.5 | 1.3 | 3.0 | 5.0 | 9.2          | 61.7   | 0.0         | 16.4              | 0.2           | 5.4        | S          | 0                 |
| 02   | 26 | 2.8             | 12.2       | -3.4       | -0.1             | 0.5 | 1.2 | 2.9 | 4.9 | 9.1          | 58.5   | 0.0         | 18.1              | 0.1           | 4.3        | SE         | 0                 |
| 02   | 27 | 1.9             | 3.7        | 0.3        | -0.1             | 0.5 | 1.2 | 2.8 | 4.8 | 8.9          | 94.4   | 3.0         | 3.2               | 0.0           | 2.8        | NNW        | 0                 |
| 02   | 28 | 6.0             | 15.8       | 1.8        | -0.2             | 0.4 | 1.1 | 2.7 | 4.7 | 8.9          | 81.9   | 0.0         | 16.2              | 0.2           | 5.5        | SE         | 0                 |

|    |       |      |      |       |      |     |     |     |     |      |      |      |      |     |      |  |     |
|----|-------|------|------|-------|------|-----|-----|-----|-----|------|------|------|------|-----|------|--|-----|
| 計  | Total |      |      |       |      |     |     |     |     |      |      | 67.5 |      |     |      |  |     |
| 平均 | Mean  | 0.0  | 7.1  | -4.7  | 0.9  | 1.6 | 2.3 | 3.9 | 5.8 | 9.7  | 70.3 | 2.4  | 11.8 | 0.3 | 5.2  |  | 2.0 |
| 最大 | Max.  | 8.8  | 17.6 | 4.1   | 5.3  | 5.1 | 4.9 | 5.3 | 6.4 | 10.4 | 94.4 | 19.0 | 18.1 | 1.9 | 13.6 |  |     |
| 最低 | Min.  | -5.2 | -2.7 | -10.3 | -0.2 | 0.4 | 1.1 | 2.7 | 4.7 | 8.9  | 52.3 | 0.0  | 0.2  | 0.0 | 1.7  |  |     |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 2.5             | 4.6        | 1.7        | -0.2             | 0.4  | 1.0 | 2.5 | 4.5 | 8.6          | 96.4   | 2.0         | 2.2               | 0.0           | 2.6        | ESE        | 0                 |
| 03   | 2     | 0.8             | 2.0        | -0.2       | -0.2             | 0.3  | 1.0 | 2.4 | 4.3 | 8.5          | 99.9   | 4.5         | 2.0               | 0.2           | 3.4        | ESE        | 0                 |
| 03   | 3     | 0.0             | 3.7        | -2.9       | -0.1             | 0.4  | 1.0 | 2.4 | 4.3 | 8.4          | 92.8   | 1.0         | 5.3               | 0.1           | 4.6        | E          | 1                 |
| 03   | 4     | 0.9             | 9.1        | -4.8       | -0.1             | 0.4  | 1.0 | 2.4 | 4.2 | 8.3          | 74.7   | 0.0         | 19.1              | 0.5           | 4.9        | SSE        | 0                 |
| 03   | 5     | 0.2             | 1.8        | -1.2       | -0.1             | 0.4  | 1.0 | 2.3 | 4.2 | 8.2          | 98.7   | 16.5        | 0.5               | 0.1           | 5.9        | WNW        | 12                |
| 03   | 6     | -0.7            | 4.8        | -4.9       | -0.1             | 0.4  | 0.9 | 2.2 | 4.0 | 8.1          | 53.1   | 8.5         | 18.4              | 0.9           | 10.0       | WSW        | 0                 |
| 03   | 7     | -2.3            | 5.5        | -8.1       | -0.2             | 0.4  | 0.9 | 2.2 | 4.0 | 8.0          | 58.5   | 2.5         | 16.4              | 0.5           | 6.5        | SSW        | 0                 |
| 03   | 8     | -0.3            | 8.8        | -6.9       | -0.1             | 0.3  | 0.9 | 2.2 | 3.9 | 7.9          | 56.3   | 0.0         | 20.5              | 0.3           | 6.1        | SSE        | 0                 |
| 03   | 9     | -0.1            | 7.3        | -4.8       | 0.8              | 0.7  | 1.1 | 2.1 | 3.8 | 7.8          | 68.4   | 0.0         | 14.9              | 0.2           | 4.8        | SE         | 0                 |
| 03   | 10    | -2.5            | 1.8        | -5.6       | 0.5              | 0.7  | 1.2 | 2.2 | 3.8 | 7.7          | 60.6   | 0.5         | 10.6              | 0.5           | 12.1       | WSW        | 1                 |
| 03   | 11    | 0.1             | 9.1        | -6.9       | 2.2              | 1.6  | 1.4 | 2.2 | 3.8 | 7.6          | 42.1   | 0.0         | 21.4              | 0.4           | 6.3        | S          | 0                 |
| 03   | 12    | 4.5             | 15.2       | -3.1       | 3.9              | 2.9  | 2.3 | 2.3 | 3.8 | 7.6          | 61.3   | 0.0         | 18.2              | 0.3           | 5.1        | SSE        | 0                 |
| 03   | 13    | 3.1             | 5.4        | 1.2        | 3.0              | 3.1  | 2.9 | 2.6 | 3.7 | 7.5          | 87.8   | 16.0        | 4.5               | 0.3           | 5.7        | E          | 0                 |
| 03   | 14    | 3.0             | 7.1        | -0.7       | 4.1              | 3.7  | 3.2 | 2.9 | 3.7 | 7.4          | 73.8   | 0.0         | 9.5               | 0.9           | 8.0        | WSW        | 0                 |
| 03   | 15    | 2.1             | 10.8       | -4.4       | 5.4              | 4.5  | 3.8 | 3.2 | 3.7 | 7.4          | 57.9   | 0.0         | 22.1              | 0.6           | 5.1        | S          | 0                 |
| 03   | 16    | 4.3             | 14.9       | -2.2       | 6.1              | 5.4  | 4.6 | 3.6 | 3.8 | 7.3          | 64.0   | 0.0         | 19.6              | 0.7           | 10.5       | SW         | 0                 |
| 03   | 17    | 5.3             | 15.6       | -2.2       | 7.1              | 6.2  | 5.2 | 4.0 | 3.9 | 7.3          | 65.4   | 0.0         | 21.5              | 0.5           | 4.8        | S          | 0                 |
| 03   | 18    | 7.5             | 16.7       | -0.4       | 7.7              | 6.9  | 6.0 | 4.4 | 4.0 | 7.2          | 75.3   | 0.5         | 17.7              | 1.4           | 11.7       | WNW        | 0                 |
| 03   | 19    | 5.3             | 12.5       | 0.2        | 7.8              | 7.3  | 6.5 | 4.9 | 4.2 | 7.2          | 74.2   | 0.0         | 15.8              | 0.4           | 5.3        | SE         | 0                 |
| 03   | 20    | 2.7             | 4.1        | 1.3        | 5.7              | 6.1  | 6.2 | 5.2 | 4.3 | 7.1          | 96.0   | 8.0         | 3.0               | 0.0           | 1.6        | S          | 0                 |
| 03   | 21    | 3.3             | 8.7        | -1.1       | 6.2              | 6.0  | 5.8 | 5.3 | 4.5 | 7.1          | 57.2   | 0.0         | 17.7              | 1.9           | 14.0       | W          | 0                 |
| 03   | 22    | 3.4             | 13.0       | -2.4       | 6.9              | 6.4  | 5.9 | 5.4 | 4.7 | 7.2          | 48.1   | 0.0         | 23.2              | 0.5           | 5.8        | SE         | 0                 |
| 03   | 23    | 5.0             | 14.5       | -2.2       | 7.6              | 7.1  | 6.5 | 5.6 | 4.9 | 7.2          | 50.0   | 0.0         | 22.7              | 0.6           | 12.1       | SW         | 0                 |
| 03   | 24    | 8.4             | 18.7       | 0.6        | 8.8              | 8.0  | 7.1 | 5.8 | 5.0 | 7.2          | 44.8   | 0.0         | 22.8              | 0.3           | 5.1        | S          | 0                 |
| 03   | 25    | 9.9             | 21.1       | 2.7        | 9.0              | 8.6  | 7.8 | 6.2 | 5.1 | 7.2          | 47.5   | 0.0         | 16.0              | 0.2           | 7.4        | SE         | 0                 |
| 03   | 26    | 10.1            | 16.6       | 6.1        | 8.8              | 8.4  | 7.9 | 6.5 | 5.3 | 7.2          | 61.6   | 0.0         | 10.5              | 0.1           | 4.5        | ESE        | 0                 |
| 03   | 27    | 6.1             | 8.3        | 2.2        | 7.1              | 7.6  | 7.7 | 6.8 | 5.3 | 7.1          | 97.1   | 2.5         | 1.8               | 0.0           | 3.4        | WSW        | 0                 |
| 03   | 28    | 9.6             | 19.9       | 1.5        | 9.3              | 8.2  | 7.5 | 6.8 | 5.5 | 7.1          | 61.5   | 0.0         | 22.8              | 0.5           | 4.9        | SSE        | 0                 |
| 03   | 29    | 12.5            | 23.3       | 5.5        | 10.8             | 9.9  | 8.8 | 7.1 | 5.7 | 7.2          | 48.4   | 0.0         | 18.4              | 0.6           | 5.8        | WSW        | 0                 |
| 03   | 30    | 8.7             | 10.7       | 7.0        | 9.3              | 9.5  | 9.2 | 7.6 | 5.7 | 7.1          | 91.8   | 30.5        | 3.0               | 0.7           | 9.1        | NNE        | 0                 |
| 03   | 31    | 9.6             | 16.9       | 3.8        | 10.9             | 10.0 | 9.3 | 7.9 | 5.9 | 7.2          | 49.0   | 0.0         | 23.1              | 1.9           | 13.4       | W          | 0                 |
| 計    | Total |                 |            |            |                  |      |     |     |     |              |        | 93.0        |                   |               |            |            |                   |
| 平均   | Mean  | 4.0             | 10.7       | -1.0       | 4.8              | 4.6  | 4.4 | 4.2 | 4.4 | 7.5          | 68.2   | 3.0         | 14.4              | 0.5           | 6.8        |            | 0.5               |
| 最大   | Max.  | 12.5            | 23.3       | 7.0        | 10.9             | 10.0 | 9.3 | 7.9 | 5.9 | 8.6          | 99.9   | 30.5        | 23.2              | 1.9           | 14.0       |            | 12.0              |
| 最低   | Min.  | -2.5            | 1.8        | -8.1       | -0.2             | 0.3  | 0.9 | 2.1 | 3.7 | 7.1          | 42.1   | 0.0         | 0.5               | 0.0           | 1.6        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 04月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 7.9             | 16.6       | 0.8        | 10.6             | 10.2 | 9.6  | 8.2  | 6.1 | 7.2          | 47.4   | 0.0         | 22.7              | 0.7           | 5.3        | SE         |                   |
| 04   | 2     | 8.3             | 16.9       | 1.4        | 10.4             | 10.1 | 9.6  | 8.4  | 6.3 | 7.2          | 65.7   | 0.0         | 17.4              | 0.3           | 4.5        | SSE        |                   |
| 04   | 3     | 8.7             | 11.9       | 6.1        | 10.1             | 10.0 | 9.7  | 8.5  | 6.5 | 7.2          | 91.9   | 5.5         | 6.3               | 0.1           | 3.1        | ESE        |                   |
| 04   | 4     | 9.8             | 16.6       | 2.5        | 11.6             | 10.8 | 10.0 | 8.7  | 6.6 | 7.2          | 82.6   | 2.5         | 14.9              | 0.8           | 7.9        | SW         |                   |
| 04   | 5     | 4.8             | 11.8       | -1.2       | 9.6              | 9.9  | 9.9  | 8.9  | 6.8 | 7.3          | 60.5   | 0.0         | 19.2              | 0.9           | 9.1        | SSW        |                   |
| 04   | 6     | 2.7             | 11.8       | -2.3       | 8.8              | 9.2  | 9.4  | 9.0  | 6.9 | 7.3          | 73.4   | 0.0         | 15.0              | 0.8           | 11.4       | SSW        |                   |
| 04   | 7     | 6.0             | 17.4       | -3.7       | 9.1              | 8.9  | 8.9  | 8.9  | 7.1 | 7.4          | 55.2   | 0.0         | 24.3              | 0.7           | 6.7        | SE         |                   |
| 04   | 8     | 10.5            | 21.3       | 2.7        | 11.0             | 10.4 | 9.7  | 8.8  | 7.3 | 7.5          | 46.0   | 0.0         | 23.7              | 0.8           | 10.0       | SSE        |                   |
| 04   | 9     | 10.0            | 18.8       | 2.7        | 11.8             | 11.1 | 10.4 | 9.1  | 7.4 | 7.6          | 62.4   | 0.0         | 21.7              | 0.6           | 5.5        | SSE        |                   |
| 04   | 10    | 10.9            | 22.8       | 3.8        | 12.1             | 11.6 | 10.9 | 9.4  | 7.5 | 7.6          | 52.6   | 0.0         | 21.7              | 1.4           | 11.3       | WSW        |                   |
| 04   | 11    | 7.0             | 16.6       | -1.1       | 11.1             | 11.1 | 10.8 | 9.6  | 7.6 | 7.7          | 35.8   | 0.0         | 25.0              | 0.9           | 7.6        | SW         |                   |
| 04   | 12    | 7.8             | 17.6       | -0.3       | 11.1             | 11.0 | 10.7 | 9.7  | 7.8 | 7.8          | 38.0   | 0.0         | 25.4              | 0.6           | 9.0        | SSE        |                   |
| 04   | 13    | 8.3             | 15.2       | 1.9        | 10.6             | 10.7 | 10.6 | 9.8  | 8.0 | 7.9          | 42.0   | 0.0         | 18.2              | 0.4           | 5.4        | SE         |                   |
| 04   | 14    | 9.0             | 17.8       | 1.1        | 11.7             | 11.2 | 10.7 | 9.8  | 8.1 | 7.9          | 52.6   | 0.0         | 25.3              | 0.5           | 6.1        | SSE        |                   |
| 04   | 15    | 11.9            | 21.9       | 2.7        | 12.8             | 12.1 | 11.3 | 10.0 | 8.2 | 8.0          | 49.8   | 0.0         | 25.7              | 0.6           | 6.1        | SE         |                   |
| 04   | 16    | 14.2            | 21.8       | 8.0        | 12.9             | 12.5 | 11.8 | 10.3 | 8.4 | 8.1          | 37.3   | 0.0         | 19.5              | 0.7           | 5.5        | ESE        |                   |
| 04   | 17    | 13.5            | 21.4       | 6.8        | 13.8             | 13.0 | 12.1 | 10.5 | 8.5 | 8.2          | 54.3   | 0.0         | 21.5              | 0.6           | 5.8        | SE         |                   |
| 04   | 18    | 8.5             | 11.8       | 5.7        | 11.3             | 12.0 | 12.1 | 10.8 | 8.5 | 8.2          | 92.7   | 4.0         | 2.5               | 0.2           | 4.7        | ESE        |                   |
| 04   | 19    | 7.4             | 12.8       | 2.9        | 10.8             | 11.0 | 11.1 | 10.8 | 8.6 | 8.2          | 87.6   | 1.5         | 9.1               | 0.4           | 4.3        | ESE        |                   |
| 04   | 20    | 3.6             | 5.5        | 1.6        | 8.9              | 9.8  | 10.5 | 10.6 | 8.8 | 8.3          | 97.4   | 1.5         | 5.1               | 0.2           | 4.1        | ESE        |                   |
| 04   | 21    | 6.8             | 9.4        | 3.8        | 8.9              | 9.3  | 9.8  | 10.4 | 8.9 | 8.4          | 96.7   | 0.0         | 4.6               | 0.3           | 3.9        | E          |                   |
| 04   | 22    | 10.1            | 16.2       | 6.8        | 10.9             | 10.5 | 10.2 | 10.2 | 9.0 | 8.4          | 82.4   | 0.0         | 10.3              | 0.3           | 4.3        | ESE        |                   |
| 04   | 23    | 10.7            | 19.7       | 3.5        | 12.5             | 11.8 | 11.1 | 10.3 | 9.0 | 8.5          | 53.0   | 0.0         | 23.0              | 0.8           | 6.0        | ESE        |                   |
| 04   | 24    | 10.8            | 20.0       | 2.7        | 12.9             | 12.4 | 11.7 | 10.5 | 9.1 | 8.6          | 50.8   | 0.0         | 25.2              | 0.7           | 6.0        | SSE        |                   |
| 04   | 25    | 12.2            | 21.8       | 5.3        | 13.5             | 13.0 | 12.2 | 10.8 | 9.1 | 8.7          | 58.5   | 0.0         | 21.3              | 0.6           | 4.8        | S          |                   |
| 04   | 26    | 14.1            | 23.1       | 6.4        | 14.6             | 13.8 | 12.8 | 11.1 | 9.2 | 8.8          | 52.1   | 0.0         | 26.1              | 0.6           | 5.6        | SSE        |                   |
| 04   | 27    | 14.5            | 23.6       | 7.0        | 15.2             | 14.5 | 13.5 | 11.5 | 9.4 | 8.8          | 49.4   | 0.0         | 25.7              | 0.7           | 6.7        | SSE        |                   |
| 04   | 28    | 13.4            | 21.5       | 7.8        | 13.9             | 14.0 | 13.5 | 11.8 | 9.5 | 8.9          | 44.3   | 0.0         | 16.8              | 0.7           | 5.4        | E          |                   |
| 04   | 29    | 11.7            | 14.8       | 9.6        | 12.6             | 12.9 | 13.0 | 12.0 | 9.7 | 9.0          | 77.6   | 0.5         | 6.0               | 0.5           | 4.6        | ESE        |                   |
| 04   | 30    | 11.2            | 12.7       | 9.6        | 12.0             | 12.1 | 12.3 | 11.9 | 9.4 | 8.9          | 99.7   | 28.0        | 3.6               | 0.1           | 4.1        | E          |                   |
| 計    | Total |                 |            |            |                  |      |      |      |     |              |        | 43.5        |                   |               |            |            |                   |
| 平均   | Mean  | 9.5             | 17.0       | 3.5        | 11.6             | 11.4 | 11.0 | 10.0 | 8.1 | 8.0          | 63.0   | 1.5         | 17.6              | 0.6           | 6.1        |            |                   |
| 最大   | Max.  | 14.5            | 23.6       | 9.6        | 15.2             | 14.5 | 13.5 | 12.0 | 9.7 | 9.0          | 99.7   | 28.0        | 26.1              | 1.4           | 11.4       |            |                   |
| 最低   | Min.  | 2.7             | 5.5        | -3.7       | 8.8              | 8.9  | 8.9  | 8.2  | 6.1 | 7.2          | 35.8   | 0.0         | 2.5               | 0.1           | 3.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)



2014年 05月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 14.4            | 21.7       | 9.9        | 14.9             | 13.8 | 13.0 | 11.9 | 9.6  | 9.0          | 86.6   | 1.0         | 17.7              | 0.3           | 4.5        | SE         |                   |
| 05   | 2     | 15.0            | 24.7       | 7.8        | 15.8             | 15.0 | 14.0 | 12.2 | 9.8  | 9.0          | 70.4   | 0.0         | 23.5              | 0.7           | 5.2        | SE         |                   |
| 05   | 3     | 16.8            | 26.2       | 9.1        | 16.6             | 15.7 | 14.7 | 12.6 | 9.9  | 9.1          | 58.3   | 0.0         | 24.5              | 0.8           | 9.1        | SE         |                   |
| 05   | 4     | 13.4            | 22.5       | 4.5        | 15.9             | 15.6 | 15.0 | 13.0 | 10.1 | 9.1          | 52.0   | 0.0         | 26.3              | 0.7           | 5.4        | ESE        |                   |
| 05   | 5     | 10.8            | 15.1       | 7.3        | 13.8             | 14.3 | 14.4 | 13.2 | 10.3 | 9.2          | 84.7   | 0.0         | 9.1               | 0.6           | 5.4        | ESE        |                   |
| 05   | 6     | 9.9             | 11.6       | 6.2        | 13.0             | 13.5 | 13.8 | 13.2 | 10.4 | 9.3          | 92.8   | 0.0         | 4.5               | 0.3           | 3.7        | ESE        |                   |
| 05   | 7     | 11.5            | 18.9       | 4.5        | 14.3             | 13.9 | 13.6 | 13.1 | 10.6 | 9.4          | 75.3   | 0.0         | 23.0              | 0.6           | 5.7        | SSE        |                   |
| 05   | 8     | 14.0            | 21.7       | 5.9        | 15.1             | 14.6 | 14.1 | 13.1 | 10.8 | 9.5          | 62.6   | 0.0         | 25.7              | 1.7           | 10.0       | WSW        |                   |
| 05   | 9     | 13.7            | 21.3       | 6.8        | 15.1             | 15.0 | 14.5 | 13.3 | 10.9 | 9.6          | 56.5   | 0.0         | 20.3              | 1.1           | 11.2       | WNW        |                   |
| 05   | 10    | 13.6            | 21.7       | 5.5        | 15.2             | 14.8 | 14.4 | 13.4 | 11.0 | 9.6          | 42.5   | 0.0         | 27.4              | 1.0           | 7.3        | WSW        |                   |
| 05   | 11    | 15.4            | 24.7       | 7.2        | 16.1             | 15.5 | 14.8 | 13.5 | 11.2 | 9.7          | 41.6   | 0.0         | 28.3              | 0.7           | 5.5        | SSW        |                   |
| 05   | 12    | 14.8            | 23.2       | 7.4        | 15.9             | 15.6 | 15.1 | 13.7 | 11.3 | 9.8          | 55.9   | 0.0         | 19.1              | 0.7           | 8.5        | SSE        |                   |
| 05   | 13    | 16.7            | 25.0       | 11.5       | 17.8             | 16.8 | 15.7 | 13.9 | 11.4 | 9.9          | 64.1   | 0.0         | 21.6              | 0.9           | 8.1        | ESE        |                   |
| 05   | 14    | 18.8            | 28.7       | 10.1       | 17.8             | 17.0 | 16.1 | 14.2 | 11.6 | 10.0         | 43.0   | 0.0         | 20.8              | 0.7           | 8.6        | W          |                   |
| 05   | 15    | 15.3            | 20.2       | 12.4       | 16.9             | 16.7 | 16.3 | 14.5 | 11.7 | 10.1         | 84.3   | 0.5         | 7.4               | 0.4           | 7.0        | ESE        |                   |
| 05   | 16    | 15.6            | 25.2       | 8.4        | 17.6             | 17.0 | 16.2 | 14.6 | 11.8 | 10.1         | 52.4   | 0.0         | 27.2              | 1.2           | 11.8       | WSW        |                   |
| 05   | 17    | 14.6            | 24.4       | 8.7        | 17.2             | 16.8 | 16.2 | 14.7 | 12.0 | 10.2         | 52.3   | 0.0         | 26.1              | 1.0           | 7.6        | SE         |                   |
| 05   | 18    | 15.2            | 25.1       | 6.4        | 17.7             | 17.1 | 16.4 | 14.8 | 12.2 | 10.3         | 54.1   | 0.0         | 28.6              | 0.7           | 6.1        | SE         |                   |
| 05   | 19    | 16.1            | 24.0       | 7.9        | 18.5             | 17.7 | 16.7 | 15.0 | 12.3 | 10.4         | 64.8   | 0.0         | 25.6              | 0.6           | 5.5        | ESE        |                   |
| 05   | 20    | 16.5            | 24.7       | 10.4       | 18.5             | 18.0 | 17.2 | 15.2 | 12.5 | 10.5         | 73.6   | 0.5         | 17.5              | 0.4           | 5.0        | SE         |                   |
| 05   | 21    | 12.0            | 14.7       | 9.4        | 15.2             | 15.9 | 16.2 | 15.4 | 12.2 | 10.4         | 97.8   | 37.0        | 5.1               | 0.1           | 4.2        | E          |                   |
| 05   | 22    | 12.3            | 18.7       | 7.7        | 14.7             | 15.1 | 15.3 | 15.2 | 12.5 | 10.5         | 87.8   | 1.0         | 12.2              | 0.2           | 3.9        | E          |                   |
| 05   | 23    | 13.7            | 21.7       | 8.5        | 16.6             | 16.1 | 15.6 | 15.0 | 12.6 | 10.6         | 77.5   | 0.0         | 23.4              | 0.6           | 5.6        | ESE        |                   |
| 05   | 24    | 15.6            | 24.4       | 5.8        | 17.3             | 16.8 | 16.1 | 15.1 | 12.7 | 10.7         | 67.1   | 0.0         | 27.0              | 0.5           | 5.3        | SE         |                   |
| 05   | 25    | 18.8            | 25.9       | 13.6       | 17.9             | 17.5 | 16.8 | 15.3 | 12.9 | 10.8         | 66.1   | 0.0         | 17.5              | 0.3           | 3.4        | W          |                   |
| 05   | 26    | 16.1            | 20.7       | 12.5       | 16.2             | 16.6 | 16.6 | 15.5 | 13.0 | 10.9         | 74.2   | 6.5         | 8.6               | 1.1           | 9.8        | WSW        |                   |
| 05   | 27    | 18.0            | 24.8       | 13.4       | 18.5             | 17.4 | 16.6 | 15.6 | 12.8 | 10.9         | 87.3   | 7.0         | 19.4              | 0.2           | 3.9        | SSE        |                   |
| 05   | 28    | 17.8            | 23.2       | 12.3       | 19.1             | 18.6 | 17.7 | 15.8 | 13.0 | 11.0         | 85.6   | 1.5         | 16.0              | 0.5           | 5.1        | ESE        |                   |
| 05   | 29    | 16.3            | 24.5       | 11.4       | 17.7             | 17.8 | 17.5 | 16.1 | 13.1 | 11.1         | 79.5   | 0.0         | 16.2              | 0.6           | 5.4        | W          |                   |
| 05   | 30    | 19.8            | 28.6       | 12.2       | 19.1             | 18.3 | 17.5 | 16.2 | 13.3 | 11.2         | 61.7   | 0.0         | 26.0              | 0.5           | 4.7        | WSW        |                   |
| 05   | 31    | 21.0            | 29.5       | 14.0       | 20.2             | 19.4 | 18.4 | 16.5 | 13.5 | 11.3         | 54.8   | 0.0         | 26.3              | 0.6           | 4.8        | WSW        |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 55.0        |                   |               |            |            |                   |
| 平均   | Mean  | 15.3            | 22.8       | 9.0        | 16.6             | 16.3 | 15.7 | 14.3 | 11.7 | 10.1         | 68.0   | 1.8         | 20.1              | 0.7           | 6.4        |            |                   |
| 最大   | Max.  | 21.0            | 29.5       | 14.0       | 20.2             | 19.4 | 18.4 | 16.5 | 13.5 | 11.3         | 97.8   | 37.0        | 28.6              | 1.7           | 11.8       |            |                   |
| 最低   | Min.  | 9.9             | 11.6       | 4.5        | 13.0             | 13.5 | 13.0 | 11.9 | 9.6  | 9.0          | 41.6   | 0.0         | 4.5               | 0.1           | 3.4        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 06月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 22.4            | 31.9       | 14.5       | 20.9             | 20.1 | 18.9 | 16.8 | 13.6 | 11.4         | 47.6   | 0.0         | 28.7              | 0.7           | 8.2        | SSW        |                   |
| 06   | 2     | 22.3            | 29.9       | 16.4       | 21.0             | 20.3 | 19.3 | 17.1 | 13.8 | 11.5         | 57.3   | 0.0         | 23.2              | 0.5           | 5.5        | ESE        |                   |
| 06   | 3     | 20.3            | 26.8       | 14.8       | 21.2             | 20.5 | 19.6 | 17.4 | 14.0 | 11.6         | 78.1   | 0.0         | 18.6              | 0.5           | 5.2        | ESE        |                   |
| 06   | 4     | 19.1            | 23.9       | 15.7       | 20.4             | 20.2 | 19.6 | 17.7 | 14.2 | 11.7         | 81.3   | 0.0         | 10.4              | 0.4           | 4.0        | ESE        |                   |
| 06   | 5     | 15.2            | 16.8       | 14.0       | 18.5             | 18.9 | 19.0 | 17.8 | 14.3 | 11.7         | 94.5   | 6.0         | 6.6               | 0.3           | 3.6        | E          |                   |
| 06   | 6     | 15.1            | 16.6       | 14.2       | 16.8             | 17.4 | 17.9 | 17.7 | 14.1 | 11.6         | 99.8   | 81.5        | 4.1               | 0.1           | 4.6        | E          |                   |
| 06   | 7     | 13.9            | 14.7       | 13.2       | 14.9             | 15.6 | 16.3 | 17.6 | 14.9 | 11.7         | 99.9   | 52.0        | 2.6               | 0.1           | 3.3        | E          |                   |
| 06   | 8     | 16.5            | 20.2       | 13.5       | 16.6             | 16.3 | 16.4 | 17.1 | 15.0 | 12.0         | 98.1   | 18.5        | 7.6               | 0.0           | 2.0        | W          |                   |
| 06   | 9     | 17.5            | 19.7       | 15.6       | 17.9             | 17.6 | 17.3 | 17.1 | 15.0 | 12.2         | 98.5   | 19.0        | 6.6               | 0.1           | 2.8        | ESE        |                   |
| 06   | 10    | 18.3            | 22.4       | 15.5       | 18.7             | 18.2 | 17.9 | 17.4 | 15.1 | 12.4         | 95.6   | 8.5         | 10.1              | 0.2           | 4.1        | ESE        |                   |
| 06   | 11    | 17.3            | 18.4       | 16.2       | 18.2             | 18.3 | 18.2 | 17.6 | 15.0 | 12.6         | 98.8   | 18.0        | 3.6               | 0.0           | 2.7        | E          |                   |
| 06   | 12    | 17.8            | 20.9       | 16.0       | 18.4             | 18.1 | 18.1 | 17.8 | 15.1 | 12.7         | 97.2   | 26.5        | 9.4               | 0.1           | 3.7        | E          |                   |
| 06   | 13    | 17.9            | 26.7       | 12.3       | 19.6             | 19.1 | 18.7 | 17.9 | 15.3 | 13.0         | 84.0   | 0.0         | 19.9              | 0.3           | 3.7        | NE         |                   |
| 06   | 14    | 18.4            | 27.5       | 11.2       | 19.9             | 19.4 | 18.9 | 18.1 | 15.4 | 13.1         | 70.9   | 0.0         | 26.1              | 0.5           | 5.1        | SE         |                   |
| 06   | 15    | 18.6            | 27.4       | 11.1       | 20.0             | 19.7 | 19.3 | 18.3 | 15.4 | 13.2         | 67.4   | 20.0        | 24.5              | 0.5           | 4.6        | ESE        |                   |
| 06   | 16    | 18.3            | 26.3       | 12.0       | 20.2             | 19.6 | 19.2 | 18.5 | 15.4 | 13.2         | 82.8   | 0.0         | 22.2              | 0.3           | 6.1        | SE         |                   |
| 06   | 17    | 19.1            | 26.0       | 14.1       | 20.5             | 20.2 | 19.8 | 18.7 | 15.6 | 13.4         | 82.7   | 0.0         | 16.4              | 0.4           | 4.3        | WSW        |                   |
| 06   | 18    | 16.7            | 19.4       | 13.5       | 19.0             | 19.4 | 19.6 | 18.9 | 15.7 | 13.5         | 92.1   | 0.5         | 5.3               | 0.2           | 3.3        | S          |                   |
| 06   | 19    | 17.9            | 25.4       | 11.8       | 19.9             | 19.5 | 19.3 | 18.8 | 15.8 | 13.5         | 83.9   | 11.0        | 19.4              | 0.5           | 5.8        | SW         |                   |
| 06   | 20    | 18.6            | 25.5       | 13.8       | 20.7             | 20.3 | 19.8 | 18.9 | 15.8 | 13.5         | 91.0   | 8.0         | 19.2              | 0.2           | 4.6        | SE         |                   |
| 06   | 21    | 19.1            | 23.2       | 14.9       | 20.8             | 20.6 | 20.3 | 19.2 | 15.9 | 13.6         | 91.5   | 0.0         | 12.7              | 0.2           | 3.9        | ESE        |                   |
| 06   | 22    | 17.2            | 19.2       | 15.0       | 19.5             | 19.8 | 20.0 | 19.3 | 16.0 | 13.7         | 97.3   | 12.0        | 5.9               | 0.0           | 2.1        | WSW        |                   |
| 06   | 23    | 17.8            | 23.9       | 13.6       | 19.8             | 19.7 | 19.7 | 19.3 | 16.2 | 13.8         | 89.5   | 1.5         | 14.6              | 0.3           | 3.4        | ESE        |                   |
| 06   | 24    | 16.9            | 21.4       | 13.5       | 19.6             | 19.7 | 19.8 | 19.3 | 16.3 | 13.9         | 94.7   | 5.0         | 10.7              | 0.2           | 4.1        | ESE        |                   |
| 06   | 25    | 16.3            | 22.3       | 12.0       | 19.0             | 19.2 | 19.4 | 19.3 | 16.3 | 13.9         | 94.3   | 11.0        | 12.3              | 0.1           | 3.6        | SE         |                   |
| 06   | 26    | 17.4            | 23.6       | 12.5       | 19.7             | 19.5 | 19.5 | 19.2 | 16.4 | 14.0         | 91.8   | 0.0         | 15.3              | 0.3           | 4.8        | ESE        |                   |
| 06   | 27    | 18.6            | 23.0       | 14.7       | 20.0             | 19.9 | 19.8 | 19.3 | 16.5 | 14.1         | 88.7   | 0.0         | 11.0              | 0.3           | 4.3        | ESE        |                   |
| 06   | 28    | 17.5            | 18.5       | 16.8       | 19.1             | 19.4 | 19.6 | 19.3 | 16.5 | 14.2         | 99.3   | 9.5         | 3.5               | 0.0           | 1.0        | E          |                   |
| 06   | 29    | 19.4            | 25.3       | 16.5       | 20.8             | 20.1 | 19.8 | 19.3 | 16.5 | 14.2         | 92.5   | 14.5        | 16.0              | 0.3           | 5.7        | E          |                   |
| 06   | 30    | 18.3            | 23.0       | 14.0       | 20.2             | 20.2 | 20.1 | 19.5 | 16.7 | 14.3         | 91.3   | 0.0         | 11.4              | 0.4           | 3.9        | ESE        |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 323.0       |                   |               |            |            |                   |
| 平均   | Mean  | 18.0            | 23.0       | 14.1       | 19.4             | 19.2 | 19.0 | 18.3 | 15.4 | 13.0         | 87.7   | 10.8        | 13.3              | 0.3           | 4.1        |            |                   |
| 最大   | Max.  | 22.4            | 31.9       | 16.8       | 21.2             | 20.6 | 20.3 | 19.5 | 16.7 | 14.3         | 99.9   | 81.5        | 28.7              | 0.7           | 8.2        |            |                   |
| 最低   | Min.  | 13.9            | 14.7       | 11.1       | 14.9             | 15.6 | 16.3 | 16.8 | 13.6 | 11.4         | 47.6   | 0.0         | 2.6               | 0.0           | 1.0        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 07月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 19.3            | 23.7       | 16.4       | 20.7             | 20.4 | 20.2 | 19.6 | 16.7 | 14.4         | 87.8   | 0.5         | 13.7              | 0.4           | 3.9        | ESE        |                   |
| 07   | 2     | 19.4            | 27.4       | 15.1       | 21.3             | 20.9 | 20.5 | 19.7 | 16.8 | 14.5         | 88.7   | 11.0        | 19.5              | 0.4           | 5.7        | SE         |                   |
| 07   | 3     | 18.8            | 22.3       | 16.3       | 20.8             | 20.8 | 20.7 | 19.9 | 16.8 | 14.5         | 93.5   | 2.5         | 10.2              | 0.3           | 3.9        | ESE        |                   |
| 07   | 4     | 17.3            | 19.4       | 16.4       | 19.7             | 20.0 | 20.3 | 20.0 | 16.9 | 14.6         | 99.1   | 9.5         | 5.4               | 0.1           | 3.4        | E          |                   |
| 07   | 5     | 17.0            | 18.2       | 16.1       | 18.8             | 19.2 | 19.7 | 19.9 | 17.0 | 14.6         | 99.6   | 13.0        | 4.1               | 0.0           | 2.5        | E          |                   |
| 07   | 6     | 19.1            | 25.0       | 14.9       | 20.4             | 20.0 | 19.9 | 19.8 | 17.1 | 14.8         | 92.0   | 0.0         | 15.0              | 0.3           | 4.3        | ESE        |                   |
| 07   | 7     | 18.7            | 20.5       | 17.2       | 19.9             | 20.1 | 20.2 | 19.8 | 17.1 | 14.8         | 98.1   | 2.0         | 4.1               | 0.0           | 2.6        | ESE        |                   |
| 07   | 8     | 21.0            | 28.6       | 15.3       | 21.5             | 20.8 | 20.3 | 19.9 | 17.2 | 14.9         | 88.7   | 1.5         | 20.4              | 0.3           | 4.7        | ESE        |                   |
| 07   | 9     | 20.5            | 26.4       | 18.2       | 21.3             | 21.4 | 21.1 | 20.1 | 17.2 | 15.0         | 96.6   | 27.5        | 8.4               | 0.2           | 7.6        | ESE        |                   |
| 07   | 10    | 19.9            | 21.8       | 18.0       | 20.5             | 20.8 | 20.9 | 20.4 | 17.4 | 15.1         | 98.4   | 15.0        | 5.2               | 0.2           | 9.2        | NW         |                   |
| 07   | 11    | 24.1            | 34.0       | 19.1       | 23.6             | 22.4 | 21.5 | 20.5 | 17.6 | 15.2         | 84.5   | 0.5         | 22.4              | 0.2           | 5.1        | ESE        |                   |
| 07   | 12    | 24.0            | 32.1       | 19.3       | 24.1             | 23.5 | 22.6 | 20.8 | 17.7 | 15.3         | 76.3   | 0.0         | 22.8              | 0.4           | 5.5        | SSE        |                   |
| 07   | 13    | 20.7            | 24.3       | 18.5       | 22.1             | 22.4 | 22.4 | 21.2 | 17.9 | 15.4         | 88.6   | 0.0         | 7.5               | 0.4           | 4.8        | ESE        |                   |
| 07   | 14    | 23.9            | 31.1       | 19.2       | 23.3             | 22.7 | 22.2 | 21.2 | 18.0 | 15.5         | 85.1   | 0.0         | 17.6              | 0.5           | 5.2        | ESE        |                   |
| 07   | 15    | 23.0            | 29.9       | 19.1       | 23.8             | 23.5 | 22.8 | 21.4 | 18.1 | 15.5         | 86.1   | 0.0         | 16.3              | 0.3           | 4.6        | ESE        |                   |
| 07   | 16    | 24.6            | 32.0       | 18.3       | 24.5             | 23.9 | 23.1 | 21.6 | 18.2 | 15.6         | 81.6   | 0.0         | 24.2              | 0.6           | 6.1        | ESE        |                   |
| 07   | 17    | 23.3            | 29.3       | 19.6       | 24.4             | 24.2 | 23.6 | 21.9 | 18.4 | 15.7         | 89.5   | 1.0         | 13.1              | 0.4           | 4.3        | ESE        |                   |
| 07   | 18    | 20.9            | 24.3       | 19.6       | 23.0             | 23.3 | 23.3 | 22.1 | 18.5 | 15.7         | 97.7   | 4.5         | 4.9               | 0.1           | 3.3        | ESE        |                   |
| 07   | 19    | 19.0            | 21.8       | 16.6       | 21.5             | 22.1 | 22.5 | 22.1 | 18.6 | 15.8         | 98.9   | 23.0        | 3.8               | 0.1           | 2.7        | ESE        |                   |
| 07   | 20    | 19.1            | 25.2       | 15.6       | 21.3             | 21.5 | 21.7 | 21.9 | 18.7 | 15.8         | 95.3   | 4.0         | 11.7              | 0.1           | 4.0        | SE         |                   |
| 07   | 21    | 20.4            | 26.9       | 16.0       | 22.0             | 22.0 | 21.9 | 21.7 | 18.9 | 15.9         | 90.3   | 1.0         | 15.5              | 0.2           | 4.6        | ESE        |                   |
| 07   | 22    | 22.4            | 30.8       | 16.7       | 23.1             | 22.8 | 22.4 | 21.7 | 18.9 | 16.0         | 85.4   | 0.0         | 21.1              | 0.2           | 3.5        | S          |                   |
| 07   | 23    | 23.8            | 30.0       | 18.5       | 23.7             | 23.4 | 22.9 | 21.8 | 19.0 | 16.1         | 83.9   | 0.0         | 18.5              | 0.4           | 6.5        | ESE        |                   |
| 07   | 24    | 24.3            | 31.9       | 20.5       | 23.9             | 23.7 | 23.2 | 22.0 | 19.0 | 16.2         | 85.5   | 2.0         | 12.9              | 0.3           | 4.3        | ESE        |                   |
| 07   | 25    | 25.5            | 32.3       | 19.9       | 25.1             | 24.5 | 23.7 | 22.3 | 19.1 | 16.3         | 82.2   | 0.0         | 23.0              | 0.4           | 4.4        | SE         |                   |
| 07   | 26    | 25.9            | 31.6       | 21.0       | 25.5             | 25.1 | 24.3 | 22.6 | 19.2 | 16.4         | 83.7   | 0.0         | 22.0              | 0.5           | 4.3        | SE         |                   |
| 07   | 27    | 24.6            | 33.4       | 19.2       | 25.2             | 25.0 | 24.5 | 22.9 | 19.3 | 16.4         | 75.2   | 0.0         | 20.7              | 0.6           | 7.6        | E          |                   |
| 07   | 28    | 22.0            | 27.8       | 17.9       | 24.0             | 24.3 | 24.2 | 23.1 | 19.5 | 16.5         | 76.0   | 0.0         | 17.6              | 0.5           | 4.3        | SE         |                   |
| 07   | 29    | 21.8            | 28.8       | 16.2       | 23.9             | 23.9 | 23.7 | 23.0 | 19.7 | 16.6         | 77.9   | 0.0         | 22.2              | 0.6           | 4.2        | SE         |                   |
| 07   | 30    | 23.1            | 30.5       | 16.0       | 24.6             | 24.3 | 23.8 | 23.0 | 19.8 | 16.7         | 76.1   | 0.0         | 25.2              | 0.5           | 5.2        | SSE        |                   |
| 07   | 31    | 24.2            | 32.5       | 18.4       | 25.1             | 24.8 | 24.2 | 23.0 | 20.0 | 16.8         | 76.7   | 0.0         | 21.5              | 0.7           | 6.4        | W          |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 118.5       |                   |               |            |            |                   |
| 平均   | Mean  | 21.7            | 27.5       | 17.7       | 22.7             | 22.5 | 22.2 | 21.3 | 18.2 | 15.6         | 87.7   | 3.8         | 15.2              | 0.3           | 4.8        |            |                   |
| 最大   | Max.  | 25.9            | 34.0       | 21.0       | 25.5             | 25.1 | 24.5 | 23.1 | 20.0 | 16.8         | 99.6   | 27.5        | 25.2              | 0.7           | 9.2        |            |                   |
| 最低   | Min.  | 17.0            | 18.2       | 14.9       | 18.8             | 19.2 | 19.7 | 19.6 | 16.7 | 14.4         | 75.2   | 0.0         | 3.8               | 0.0           | 2.5        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 08月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 24.5            | 32.4       | 18.9       | 25.2             | 24.9 | 24.3 | 23.2 | 19.9 | 16.8         | 79.2   | 11.0        | 20.4              | 0.6           | 5.8        | WSW        |                   |
| 08   | 2     | 22.8            | 30.0       | 17.9       | 24.7             | 24.6 | 24.3 | 23.3 | 20.0 | 16.8         | 87.2   | 0.0         | 15.7              | 0.5           | 5.5        | W          |                   |
| 08   | 3     | 23.7            | 30.6       | 19.4       | 24.7             | 24.7 | 24.4 | 23.3 | 20.2 | 17.0         | 83.3   | 0.0         | 16.0              | 0.4           | 4.0        | WSW        |                   |
| 08   | 4     | 24.7            | 32.2       | 19.9       | 24.9             | 24.8 | 24.4 | 23.4 | 20.3 | 17.1         | 78.3   | 0.0         | 16.0              | 0.5           | 7.4        | W          |                   |
| 08   | 5     | 26.4            | 34.6       | 20.5       | 25.7             | 25.3 | 24.7 | 23.4 | 20.5 | 17.1         | 69.9   | 0.0         | 23.0              | 0.8           | 6.7        | W          |                   |
| 08   | 6     | 26.4            | 34.2       | 20.3       | 26.2             | 25.7 | 25.1 | 23.6 | 20.6 | 17.2         | 70.1   | 0.0         | 23.9              | 0.5           | 4.1        | WSW        |                   |
| 08   | 7     | 25.6            | 31.4       | 20.5       | 26.2             | 25.9 | 25.3 | 23.8 | 20.8 | 17.3         | 77.9   | 0.0         | 20.9              | 0.5           | 4.7        | SE         |                   |
| 08   | 8     | 22.5            | 26.0       | 20.6       | 24.9             | 25.3 | 25.1 | 23.9 | 20.9 | 17.4         | 91.9   | 1.0         | 7.2               | 0.3           | 3.7        | SSE        |                   |
| 08   | 9     | 20.3            | 21.7       | 19.0       | 23.3             | 24.0 | 24.3 | 23.8 | 21.0 | 17.5         | 97.5   | 4.5         | 3.7               | 0.1           | 3.4        | ESE        |                   |
| 08   | 10    | 21.3            | 26.3       | 18.4       | 22.0             | 22.7 | 23.3 | 23.6 | 20.8 | 17.5         | 91.3   | 43.5        | 5.6               | 1.9           | 19.7       | WNW        |                   |
| 08   | 11    | 24.6            | 32.3       | 20.1       | 23.6             | 23.4 | 23.2 | 23.2 | 20.8 | 17.6         | 81.8   | 3.5         | 14.2              | 1.0           | 10.2       | WNW        |                   |
| 08   | 12    | 19.4            | 20.7       | 18.4       | 21.8             | 22.7 | 23.2 | 23.2 | 20.7 | 17.6         | 97.0   | 33.5        | 2.7               | 0.1           | 4.5        | NW         |                   |
| 08   | 13    | 21.4            | 27.3       | 16.3       | 22.6             | 22.7 | 22.8 | 23.1 | 21.0 | 17.7         | 90.0   | 0.0         | 16.9              | 0.3           | 4.2        | ESE        |                   |
| 08   | 14    | 21.2            | 23.8       | 18.8       | 22.7             | 23.0 | 23.2 | 23.0 | 21.1 | 17.9         | 93.9   | 0.0         | 5.8               | 0.1           | 2.7        | WSW        |                   |
| 08   | 15    | 24.5            | 31.7       | 19.4       | 24.2             | 23.8 | 23.4 | 23.0 | 21.1 | 18.0         | 85.3   | 0.5         | 18.7              | 0.5           | 9.9        | SW         |                   |
| 08   | 16    | 22.3            | 27.1       | 20.2       | 23.5             | 23.9 | 23.9 | 23.1 | 20.9 | 18.0         | 95.5   | 21.5        | 6.7               | 0.3           | 5.6        | ESE        |                   |
| 08   | 17    | 21.8            | 24.3       | 20.1       | 23.3             | 23.5 | 23.6 | 23.2 | 21.0 | 18.1         | 96.7   | 2.5         | 8.2               | 0.3           | 4.3        | ESE        |                   |
| 08   | 18    | 24.1            | 31.1       | 19.0       | 24.9             | 24.5 | 24.0 | 23.2 | 21.2 | 18.3         | 87.4   | 0.0         | 21.5              | 0.3           | 4.4        | SE         |                   |
| 08   | 19    | 24.0            | 31.4       | 18.8       | 25.0             | 24.9 | 24.5 | 23.4 | 21.2 | 18.4         | 86.7   | 2.5         | 18.8              | 0.4           | 4.8        | S          |                   |
| 08   | 20    | 24.8            | 32.9       | 19.3       | 25.4             | 25.3 | 24.8 | 23.6 | 21.2 | 18.5         | 82.0   | 0.0         | 21.5              | 0.5           | 4.1        | W          |                   |
| 08   | 21    | 24.8            | 30.6       | 19.2       | 25.4             | 25.4 | 25.0 | 23.8 | 21.3 | 18.5         | 81.7   | 0.0         | 18.8              | 0.5           | 4.0        | SSW        |                   |
| 08   | 22    | 24.3            | 31.9       | 19.2       | 25.7             | 25.6 | 25.1 | 23.9 | 21.4 | 18.6         | 81.6   | 0.5         | 21.5              | 0.7           | 7.3        | S          |                   |
| 08   | 23    | 22.5            | 28.9       | 18.7       | 24.8             | 25.1 | 25.0 | 24.1 | 21.5 | 18.6         | 85.7   | 0.0         | 13.9              | 0.4           | 3.2        | S          |                   |
| 08   | 24    | 22.0            | 28.3       | 17.5       | 24.0             | 24.4 | 24.6 | 24.1 | 21.5 | 18.7         | 84.6   | 1.5         | 12.7              | 0.4           | 4.0        | SE         |                   |
| 08   | 25    | 21.0            | 23.1       | 19.7       | 23.5             | 24.0 | 24.2 | 24.0 | 21.5 | 18.7         | 96.6   | 7.5         | 6.2               | 0.0           | 1.7        | SE         |                   |
| 08   | 26    | 19.9            | 21.1       | 18.2       | 22.6             | 23.3 | 23.8 | 23.8 | 21.6 | 18.7         | 99.5   | 10.0        | 3.0               | 0.0           | 3.6        | E          |                   |
| 08   | 27    | 16.7            | 18.4       | 15.8       | 21.2             | 22.2 | 23.0 | 23.6 | 21.6 | 18.8         | 99.9   | 7.5         | 3.8               | 0.0           | 3.4        | E          |                   |
| 08   | 28    | 17.5            | 21.3       | 15.7       | 21.0             | 21.7 | 22.3 | 23.2 | 21.7 | 18.8         | 97.3   | 1.0         | 8.1               | 0.1           | 3.8        | ESE        |                   |
| 08   | 29    | 18.0            | 20.2       | 16.3       | 21.0             | 21.7 | 22.2 | 22.9 | 21.7 | 18.9         | 96.9   | 5.5         | 5.6               | 0.1           | 3.6        | ESE        |                   |
| 08   | 30    | 18.1            | 23.1       | 16.1       | 20.8             | 21.3 | 21.8 | 22.6 | 21.5 | 18.9         | 93.6   | 17.5        | 12.2              | 0.1           | 3.6        | SE         |                   |
| 08   | 31    | 17.3            | 19.7       | 15.5       | 20.2             | 21.1 | 21.7 | 22.4 | 21.5 | 19.0         | 96.9   | 0.5         | 3.9               | 0.1           | 3.2        | ESE        |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 175.5       |                   |               |            |            |                   |
| 平均   | Mean  | 22.2            | 27.4       | 18.6       | 23.7             | 23.9 | 23.9 | 23.4 | 21.0 | 18.0         | 88.3   | 5.7         | 12.8              | 0.4           | 5.2        |            |                   |
| 最大   | Max.  | 26.4            | 34.6       | 20.6       | 26.2             | 25.9 | 25.3 | 24.1 | 21.7 | 19.0         | 99.9   | 43.5        | 23.9              | 1.9           | 19.7       |            |                   |
| 最低   | Min.  | 16.7            | 18.4       | 15.5       | 20.2             | 21.1 | 21.7 | 22.4 | 19.9 | 16.8         | 69.9   | 0.0         | 2.7               | 0.0           | 1.7        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 09月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 17.0            | 18.2       | 16.0       | 19.2             | 20.2 | 21.0 | 22.2 | 21.3 | 19.0         | 99.7   | 66.5        | 2.8               | 0.0           | 2.1        | ESE        |                   |
| 09   | 2     | 19.8            | 26.9       | 14.3       | 20.6             | 20.5 | 20.6 | 21.7 | 21.4 | 19.3         | 86.5   | 0.0         | 23.7              | 0.3           | 4.8        | SE         |                   |
| 09   | 3     | 18.0            | 19.6       | 16.7       | 20.4             | 21.1 | 21.3 | 21.7 | 21.3 | 19.4         | 94.4   | 0.0         | 3.7               | 0.2           | 2.8        | ESE        |                   |
| 09   | 4     | 18.3            | 20.7       | 16.4       | 20.2             | 20.7 | 21.1 | 21.7 | 21.2 | 19.4         | 96.5   | 0.0         | 5.2               | 0.1           | 2.9        | ESE        |                   |
| 09   | 5     | 20.7            | 26.3       | 16.9       | 21.4             | 21.4 | 21.3 | 21.6 | 21.1 | 19.4         | 92.4   | 0.5         | 13.5              | 0.3           | 6.0        | SSE        |                   |
| 09   | 6     | 21.2            | 27.7       | 18.0       | 21.4             | 21.7 | 21.8 | 21.7 | 20.9 | 19.4         | 91.9   | 56.5        | 11.0              | 0.3           | 4.0        | ESE        |                   |
| 09   | 7     | 18.1            | 19.9       | 15.9       | 20.4             | 21.0 | 21.5 | 21.9 | 20.8 | 19.5         | 99.0   | 16.5        | 4.7               | 0.1           | 4.3        | E          |                   |
| 09   | 8     | 16.6            | 19.7       | 13.7       | 19.7             | 20.4 | 21.0 | 21.8 | 20.9 | 19.7         | 95.7   | 0.0         | 7.3               | 0.1           | 2.9        | ESE        |                   |
| 09   | 9     | 18.4            | 26.2       | 14.8       | 20.6             | 20.8 | 21.0 | 21.6 | 20.9 | 19.6         | 89.6   | 1.0         | 16.4              | 0.3           | 3.7        | SSE        |                   |
| 09   | 10    | 17.7            | 21.3       | 14.9       | 20.4             | 21.0 | 21.2 | 21.6 | 20.9 | 19.6         | 92.9   | 0.0         | 9.6               | 0.4           | 4.8        | ESE        |                   |
| 09   | 11    | 16.8            | 19.9       | 14.7       | 19.8             | 20.5 | 21.0 | 21.5 | 20.8 | 19.6         | 96.1   | 8.5         | 6.2               | 0.1           | 4.1        | WSW        |                   |
| 09   | 12    | 17.3            | 23.3       | 12.8       | 20.2             | 20.6 | 20.8 | 21.4 | 20.8 | 19.6         | 86.5   | 0.0         | 17.8              | 0.3           | 4.4        | SSE        |                   |
| 09   | 13    | 16.9            | 24.0       | 12.2       | 20.1             | 20.6 | 20.9 | 21.3 | 20.7 | 19.6         | 83.3   | 0.0         | 18.2              | 0.4           | 4.3        | SSW        |                   |
| 09   | 14    | 17.5            | 25.0       | 11.7       | 20.2             | 20.6 | 20.8 | 21.3 | 20.7 | 19.5         | 79.9   | 0.0         | 20.8              | 0.7           | 4.7        | SW         |                   |
| 09   | 15    | 16.5            | 20.8       | 13.3       | 19.5             | 20.2 | 20.7 | 21.2 | 20.7 | 19.5         | 89.9   | 0.0         | 9.2               | 0.4           | 4.3        | SE         |                   |
| 09   | 16    | 19.0            | 26.6       | 14.0       | 20.4             | 20.7 | 20.7 | 21.1 | 20.6 | 19.5         | 79.9   | 0.0         | 17.8              | 0.5           | 3.8        | WSW        |                   |
| 09   | 17    | 16.9            | 18.8       | 14.1       | 19.7             | 20.4 | 20.8 | 21.2 | 20.6 | 19.5         | 90.1   | 0.0         | 4.8               | 0.4           | 3.7        | ESE        |                   |
| 09   | 18    | 15.3            | 21.8       | 10.8       | 19.3             | 20.0 | 20.4 | 21.1 | 20.5 | 19.4         | 80.4   | 0.5         | 13.3              | 0.3           | 4.3        | SSE        |                   |
| 09   | 19    | 13.9            | 19.9       | 8.8        | 18.0             | 19.1 | 19.8 | 20.9 | 20.5 | 19.4         | 75.5   | 0.0         | 13.0              | 0.4           | 3.5        | W          |                   |
| 09   | 20    | 12.9            | 16.7       | 8.6        | 17.2             | 18.4 | 19.3 | 20.7 | 20.4 | 19.4         | 85.0   | 0.0         | 6.7               | 0.3           | 3.7        | W          |                   |
| 09   | 21    | 14.8            | 22.5       | 8.5        | 17.5             | 18.2 | 18.8 | 20.3 | 20.4 | 19.4         | 78.0   | 0.0         | 18.7              | 0.6           | 4.9        | SSW        |                   |
| 09   | 22    | 16.1            | 23.9       | 11.3       | 18.4             | 18.8 | 19.1 | 20.1 | 20.2 | 19.3         | 78.9   | 0.0         | 16.2              | 0.5           | 4.3        | SSW        |                   |
| 09   | 23    | 15.8            | 22.8       | 9.6        | 18.5             | 18.9 | 19.2 | 20.0 | 20.1 | 19.3         | 80.6   | 0.0         | 18.1              | 0.6           | 5.4        | SSE        |                   |
| 09   | 24    | 15.6            | 21.5       | 11.2       | 18.3             | 18.9 | 19.3 | 20.0 | 20.0 | 19.3         | 90.4   | 2.5         | 10.3              | 0.5           | 4.9        | ESE        |                   |
| 09   | 25    | 18.3            | 24.8       | 14.8       | 19.4             | 19.5 | 19.5 | 20.0 | 19.9 | 19.2         | 93.1   | 4.0         | 12.8              | 0.3           | 5.1        | ESE        |                   |
| 09   | 26    | 18.1            | 25.3       | 12.3       | 20.0             | 20.1 | 20.0 | 20.1 | 19.9 | 19.2         | 75.7   | 0.0         | 19.6              | 0.6           | 5.9        | SE         |                   |
| 09   | 27    | 15.4            | 21.2       | 10.8       | 19.7             | 20.1 | 20.1 | 20.2 | 19.8 | 19.2         | 80.1   | 0.0         | 19.0              | 0.6           | 5.1        | SE         |                   |
| 09   | 28    | 16.6            | 25.9       | 9.1        | 19.0             | 19.6 | 19.8 | 20.2 | 19.8 | 19.2         | 76.8   | 0.0         | 19.5              | 0.7           | 3.4        | SW         |                   |
| 09   | 29    | 17.1            | 26.1       | 10.3       | 19.0             | 19.5 | 19.7 | 20.2 | 19.8 | 19.1         | 69.4   | 0.0         | 19.5              | 0.8           | 4.0        | WSW        |                   |
| 09   | 30    | 18.0            | 25.8       | 11.8       | 19.1             | 19.5 | 19.7 | 20.1 | 19.8 | 19.1         | 74.2   | 0.0         | 16.5              | 0.6           | 4.2        | SW         |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 156.5       |                   |               |            |            |                   |
| 平均   | Mean  | 17.2            | 22.8       | 12.9       | 19.6             | 20.1 | 20.4 | 21.0 | 20.6 | 19.4         | 86.1   | 5.2         | 13.2              | 0.4           | 4.2        |            |                   |
| 最大   | Max.  | 21.2            | 27.7       | 18.0       | 21.4             | 21.7 | 21.8 | 22.2 | 21.4 | 19.7         | 99.7   | 66.5        | 23.7              | 0.8           | 6.0        |            |                   |
| 最低   | Min.  | 12.9            | 16.7       | 8.5        | 17.2             | 18.2 | 18.8 | 20.0 | 19.8 | 19.0         | 69.4   | 0.0         | 2.8               | 0.0           | 2.1        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 10月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 16.3            | 21.7       | 14.7       | 19.1             | 19.6 | 19.8 | 20.1 | 19.8 | 19.0         | 89.6   | 0.0         | 7.1               | 0.5           | 4.9        | ESE        |                   |
| 10   | 2     | 15.8            | 20.8       | 12.3       | 18.8             | 19.3 | 19.6 | 20.1 | 19.8 | 19.0         | 92.9   | 0.0         | 7.6               | 0.4           | 5.2        | ESE        |                   |
| 10   | 3     | 20.5            | 27.4       | 14.8       | 19.9             | 19.8 | 19.7 | 20.0 | 19.8 | 19.0         | 77.7   | 3.0         | 16.3              | 0.6           | 5.9        | SE         |                   |
| 10   | 4     | 17.9            | 21.8       | 15.4       | 19.9             | 20.3 | 20.2 | 20.1 | 19.7 | 18.9         | 88.4   | 0.5         | 6.4               | 0.2           | 4.0        | E          |                   |
| 10   | 5     | 13.4            | 15.5       | 12.3       | 16.6             | 18.1 | 19.1 | 20.1 | 19.5 | 18.9         | 98.9   | 103.0       | 0.9               | 0.1           | 2.6        | E          |                   |
| 10   | 6     | 15.3            | 23.3       | 12.5       | 14.5             | 15.0 | 15.9 | 18.7 | 19.3 | 18.9         | 91.1   | 70.5        | 7.8               | 0.8           | 10.0       | WNW        |                   |
| 10   | 7     | 14.1            | 21.4       | 10.1       | 15.5             | 15.9 | 16.4 | 18.1 | 19.3 | 19.0         | 76.6   | 0.0         | 13.8              | 0.7           | 4.9        | WNW        |                   |
| 10   | 8     | 12.8            | 16.7       | 9.9        | 15.4             | 16.1 | 16.7 | 18.1 | 19.1 | 19.0         | 88.9   | 0.0         | 6.8               | 0.5           | 4.3        | SW         |                   |
| 10   | 9     | 13.7            | 20.6       | 9.1        | 16.0             | 16.4 | 16.8 | 18.0 | 18.9 | 19.0         | 90.2   | 0.0         | 13.0              | 0.6           | 4.6        | SSE        |                   |
| 10   | 10    | 15.5            | 23.1       | 9.7        | 16.3             | 16.7 | 17.0 | 18.0 | 18.8 | 18.9         | 82.8   | 0.0         | 14.3              | 0.5           | 4.2        | WSW        |                   |
| 10   | 11    | 14.7            | 22.6       | 9.8        | 16.4             | 16.9 | 17.2 | 18.0 | 18.7 | 18.9         | 76.5   | 0.0         | 14.5              | 0.6           | 4.6        | W          |                   |
| 10   | 12    | 12.1            | 14.7       | 10.9       | 15.7             | 16.5 | 17.1 | 18.1 | 18.6 | 18.8         | 92.9   | 0.0         | 4.5               | 0.3           | 3.8        | ESE        |                   |
| 10   | 13    | 11.4            | 12.4       | 10.4       | 14.8             | 15.8 | 16.7 | 18.0 | 18.5 | 18.8         | 98.4   | 46.5        | 2.8               | 0.0           | 3.1        | ESE        |                   |
| 10   | 14    | 13.9            | 19.0       | 9.2        | 14.2             | 14.8 | 15.6 | 17.5 | 18.3 | 18.8         | 82.4   | 15.5        | 8.0               | 0.9           | 12.1       | WNW        |                   |
| 10   | 15    | 9.2             | 12.1       | 6.9        | 13.4             | 14.4 | 15.4 | 17.2 | 18.2 | 18.8         | 94.9   | 6.0         | 5.2               | 0.1           | 3.0        | SSW        |                   |
| 10   | 16    | 10.9            | 18.5       | 6.7        | 14.3             | 14.7 | 15.3 | 17.0 | 18.1 | 18.7         | 89.4   | 0.0         | 17.0              | 0.5           | 5.3        | SSE        |                   |
| 10   | 17    | 10.8            | 20.1       | 5.2        | 14.3             | 14.9 | 15.5 | 16.9 | 18.0 | 18.7         | 75.8   | 0.0         | 16.5              | 0.7           | 4.6        | W          |                   |
| 10   | 18    | 10.5            | 18.1       | 5.4        | 13.9             | 14.6 | 15.4 | 16.8 | 17.9 | 18.6         | 79.8   | 0.0         | 16.1              | 0.8           | 5.8        | WSW        |                   |
| 10   | 19    | 11.9            | 19.8       | 5.7        | 14.2             | 14.7 | 15.3 | 16.7 | 17.7 | 18.6         | 83.0   | 0.0         | 16.6              | 0.7           | 4.7        | WSW        |                   |
| 10   | 20    | 12.1            | 19.7       | 7.2        | 14.1             | 14.8 | 15.4 | 16.6 | 17.6 | 18.5         | 86.3   | 0.5         | 9.8               | 0.4           | 5.1        | SSW        |                   |
| 10   | 21    | 13.7            | 19.9       | 10.9       | 15.0             | 15.3 | 15.6 | 16.6 | 17.5 | 18.5         | 93.9   | 0.5         | 9.0               | 0.3           | 4.9        | SE         |                   |
| 10   | 22    | 11.8            | 13.6       | 9.0        | 14.1             | 14.9 | 15.6 | 16.6 | 17.4 | 18.4         | 97.3   | 25.5        | 1.1               | 0.1           | 3.7        | E          |                   |
| 10   | 23    | 8.4             | 10.3       | 7.4        | 12.7             | 13.7 | 14.7 | 16.4 | 17.3 | 18.3         | 99.2   | 11.0        | 3.2               | 0.0           | 2.9        | ESE        |                   |
| 10   | 24    | 11.2            | 18.3       | 5.7        | 13.8             | 14.1 | 14.6 | 16.1 | 17.2 | 18.3         | 87.7   | 0.0         | 16.3              | 0.4           | 3.8        | SSW        |                   |
| 10   | 25    | 12.5            | 19.4       | 8.5        |                  |      |      |      |      |              | 86.8   | 0.0         | 1.3               | 0.6           | 2.9        | W          |                   |
| 10   | 26    | 13.1            | 20.0       | 7.4        | 14.3             | 14.7 | 15.2 | 16.1 | 17.0 | 18.2         | 86.0   | 0.0         | 10.7              | 0.5           | 5.4        | SSW        |                   |
| 10   | 27    | 13.5            | 21.7       | 7.6        | 14.7             | 15.1 | 15.4 | 16.1 | 16.9 | 18.1         | 82.1   | 0.0         | 9.9               | 0.5           | 5.2        | E          |                   |
| 10   | 28    | 9.9             | 17.3       | 2.9        |                  |      |      |      |      |              | 62.3   | 0.0         | 15.7              | 0.7           | 5.0        | SSE        |                   |
| 10   | 29    | 9.4             | 19.8       | 2.1        | 12.2             | 13.3 | 14.3 | 16.0 | 16.8 | 18.0         | 59.0   | 0.0         | 16.1              | 0.5           | 3.6        | WSW        |                   |
| 10   | 30    | 10.2            | 18.4       | 4.8        | 12.1             | 13.0 | 13.9 | 15.7 | 16.7 | 17.9         | 64.8   | 0.0         | 15.1              | 0.7           | 5.2        | WSW        |                   |
| 10   | 31    | 11.6            | 18.1       | 6.9        | 12.6             | 13.2 | 13.9 | 15.5 | 16.6 | 17.8         | 86.5   | 0.5         | 8.1               | 0.5           | 4.9        | W          |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 283.0       |                   |               |            |            |                   |
| 平均   | Mean  | 12.8            | 18.9       | 8.7        | 15.1             | 15.7 | 16.3 | 17.5 | 18.2 | 18.6         | 85.2   | 9.1         | 10.0              | 0.5           | 4.8        |            |                   |
| 最大   | Max.  | 20.5            | 27.4       | 15.4       |                  |      |      |      |      |              | 99.2   | 103.0       | 17.0              | 0.9           | 12.1       |            |                   |
| 最低   | Min.  | 8.4             | 10.3       | 2.1        |                  |      |      |      |      |              | 59.0   | 0.0         | 0.9               | 0.0           | 2.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 11月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 10.8            | 11.8       | 9.9        | 12.8             | 13.4 | 14.1 | 15.4 | 16.5 | 17.8         | 99.3   | 6.0         | 1.9               | 0.0           | 2.4        | SSE        |                   |
| 11   | 2     | 14.0            | 19.4       | 9.7        | 13.7             | 13.8 | 14.2 | 15.3 | 16.4 | 17.7         | 93.3   | 0.0         | 9.2               | 0.3           | 5.2        | S          |                   |
| 11   | 3     | 11.9            | 18.3       | 3.9        | 13.9             | 14.3 | 14.6 | 15.3 | 16.3 | 17.7         | 67.5   | 0.0         | 15.2              | 0.9           | 6.1        | W          |                   |
| 11   | 4     | 8.3             | 17.3       | 2.6        | 12.1             | 13.1 | 14.0 | 15.4 | 16.3 | 17.6         | 68.6   | 0.0         | 14.8              | 0.6           | 4.5        | SSW        |                   |
| 11   | 5     | 7.9             | 14.5       | 3.3        | 11.4             | 12.4 | 13.4 | 15.2 | 16.2 | 17.6         | 86.1   | 0.0         | 7.5               | 0.4           | 3.1        | S          |                   |
| 11   | 6     | 11.6            | 18.3       | 5.9        | 12.1             | 12.6 | 13.3 | 15.0 | 16.2 | 17.5         | 90.0   | 0.0         | 8.0               | 0.4           | 4.2        | SW         |                   |
| 11   | 7     | 10.9            | 18.6       | 5.8        | 12.8             | 13.3 | 13.7 | 14.9 | 16.1 | 17.4         | 67.5   | 0.0         | 13.5              | 1.0           | 6.0        | W          |                   |
| 11   | 8     | 8.8             | 15.7       | 4.5        | 11.9             | 12.6 | 13.4 | 14.8 | 16.0 | 17.4         | 83.4   | 0.0         | 10.3              | 0.6           | 6.0        | ESE        |                   |
| 11   | 9     | 9.3             | 11.4       | 7.5        | 11.7             | 12.5 | 13.3 | 14.7 | 15.9 | 17.3         | 96.1   | 0.5         | 1.9               | 0.2           | 3.6        | W          |                   |
| 11   | 10    | 11.1            | 18.3       | 7.1        | 12.2             | 12.6 | 13.2 | 14.6 | 15.8 | 17.3         | 83.7   | 0.0         | 8.9               | 0.4           | 4.6        | W          |                   |
| 11   | 11    | 7.4             | 11.4       | 4.9        | 10.9             | 12.0 | 13.0 | 14.5 | 15.7 | 17.2         | 90.3   | 0.0         | 3.7               | 0.3           | 3.4        | WSW        |                   |
| 11   | 12    | 9.9             | 16.2       | 6.2        | 11.4             | 11.9 | 12.7 | 14.3 | 15.6 | 17.2         | 86.0   | 0.0         | 8.1               | 0.4           | 4.9        | SSW        |                   |
| 11   | 13    | 8.4             | 14.9       | 1.5        | 10.6             | 11.6 | 12.6 | 14.2 | 15.6 | 17.1         | 48.7   | 0.0         | 13.8              | 1.9           | 12.8       | WNW        |                   |
| 11   | 14    | 7.2             | 15.1       | -0.2       |                  |      |      |      |      |              | 47.8   | 0.0         | 13.6              | 1.0           | 4.7        | WSW        |                   |
| 11   | 15    | 5.7             | 14.4       | 0.7        | 8.8              | 10.0 | 11.3 | 13.7 | 15.4 | 17.0         | 59.8   | 0.0         | 11.3              | 0.9           | 4.2        | WNW        |                   |
| 11   | 16    | 5.2             | 14.1       | -0.9       |                  |      |      |      |      |              | 66.9   | 0.0         | 11.9              | 0.8           | 4.3        | W          |                   |
| 11   | 17    | 5.7             | 14.2       | 0.5        | 8.5              | 9.4  | 10.6 | 13.1 | 15.1 | 16.9         | 75.4   | 0.0         | 9.5               | 0.6           | 4.6        | WSW        |                   |
| 11   | 18    | 6.3             | 14.1       | 0.1        | 8.9              | 9.7  | 10.6 | 12.8 | 15.0 | 16.8         | 63.9   | 0.0         | 12.6              | 0.9           | 6.2        | W          |                   |
| 11   | 19    | 4.3             | 14.2       | -1.4       | 7.9              | 9.0  | 10.3 | 12.6 | 14.8 | 16.8         | 62.3   | 0.0         | 12.8              | 0.8           | 4.0        | W          |                   |
| 11   | 20    | 3.5             | 11.3       | -0.4       | 7.3              | 8.5  | 9.8  | 12.4 | 14.7 | 16.7         | 77.1   | 0.0         | 6.3               | 0.4           | 4.3        | WSW        |                   |
| 11   | 21    | 5.8             | 15.0       | 0.2        | 7.9              | 8.6  | 9.7  | 12.1 | 14.5 | 16.6         | 79.3   | 0.0         | 12.2              | 0.7           | 4.6        | WSW        |                   |
| 11   | 22    | 8.3             | 18.5       | 1.8        | 8.5              | 9.0  | 9.9  | 12.0 | 14.4 | 16.6         | 60.6   | 0.0         | 12.3              | 0.7           | 4.0        | W          |                   |
| 11   | 23    | 8.9             | 17.5       | 4.0        | 8.8              | 9.2  | 10.0 | 11.9 | 14.2 | 16.5         | 65.2   | 0.0         | 11.1              | 0.8           | 5.4        | WNW        |                   |
| 11   | 24    | 7.0             | 14.1       | 3.0        | 8.9              | 9.4  | 10.2 | 11.8 | 14.0 | 16.4         | 83.8   | 0.0         | 10.2              | 0.7           | 5.4        | SW         |                   |
| 11   | 25    | 6.4             | 8.5        | 4.3        | 8.3              | 9.1  | 10.1 | 11.8 | 13.9 | 16.3         | 95.3   | 10.0        | 1.1               | 0.2           | 2.9        | ENE        |                   |
| 11   | 26    | 6.2             | 7.6        | 5.0        | 8.2              | 8.9  | 9.8  | 11.7 | 13.7 | 16.2         | 99.9   | 25.0        | 1.5               | 0.0           | 1.6        | ESE        |                   |
| 11   | 27    | 8.5             | 17.7       | 4.1        | 9.3              | 9.5  | 9.9  | 11.5 | 13.6 | 16.2         | 86.5   | 0.0         | 11.7              | 0.4           | 4.2        | SW         |                   |
| 11   | 28    | 6.9             | 13.8       | 2.9        | 8.8              | 9.4  | 10.1 | 11.5 | 13.5 | 16.1         | 92.3   | 0.0         | 6.5               | 0.3           | 4.9        | SW         |                   |
| 11   | 29    | 9.0             | 14.2       | 5.9        | 9.2              | 9.7  | 10.2 | 11.5 | 13.4 | 16.1         | 98.1   | 10.5        | 3.2               | 0.6           | 8.2        | NW         |                   |
| 11   | 30    | 8.1             | 13.1       | 3.9        | 8.9              | 9.4  | 10.1 | 11.5 | 13.3 | 16.0         | 91.0   | 2.5         | 6.5               | 0.6           | 4.0        | SE         |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 54.5        |                   |               |            |            |                   |
| 平均   | Mean  | 8.1             | 14.8       | 3.5        | 10.2             | 10.9 | 11.7 | 13.4 | 15.1 | 16.9         | 78.9   | 1.8         | 9.0               | 0.6           | 4.8        |            |                   |
| 最大   | Max.  | 14.0            | 19.4       | 9.9        |                  |      |      |      |      |              | 99.9   | 25.0        | 15.2              | 1.9           | 12.8       |            |                   |
| 最低   | Min.  | 3.5             | 7.6        | -1.4       |                  |      |      |      |      |              | 47.8   | 0.0         | 1.1               | 0.0           | 1.6        |            |                   |

代替機器観測日 (The date of observation by alternative hardwares)

2014年 12月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 8.4             | 10.4       | 5.1        | 9.4              | 9.8 | 10.3 | 11.5 | 13.2 | 15.9         | 97.2   | 8.0         | 2.2               | 0.2           | 8.3        | WNW        | 0                 |
| 12   | 2     | 4.6             | 8.9        | -0.3       | 8.0              | 8.9 | 10.0 | 11.4 | 13.1 | 15.8         | 45.0   | 0.0         | 11.7              | 2.1           | 9.2        | WNW        | 0                 |
| 12   | 3     | 3.1             | 11.3       | -2.0       | 6.5              | 7.6 | 9.0  | 11.3 | 13.0 | 15.8         | 46.2   | 0.0         | 11.6              | 1.1           | 10.3       | N          | 0                 |
| 12   | 4     | 4.5             | 8.0        | 0.6        | 6.2              | 7.2 | 8.5  | 10.9 | 12.9 | 15.7         | 75.5   | 0.0         | 3.5               | 0.6           | 6.1        | N          | 0                 |
| 12   | 5     | 2.0             | 8.4        | -2.8       | 6.0              | 7.1 | 8.3  | 10.6 | 12.8 | 15.6         | 60.6   | 0.5         | 9.1               | 1.2           | 8.8        | WNW        | 0                 |
| 12   | 6     | -1.0            | 6.4        | -4.4       | 4.3              | 5.8 | 7.5  | 10.4 | 12.7 | 15.5         | 70.0   | 0.0         | 7.4               | 0.7           | 8.5        | W          | 0                 |
| 12   | 7     | 0.1             | 8.0        | -4.2       | 3.9              | 5.1 | 6.7  | 9.9  | 12.5 | 15.4         | 63.1   | 0.0         | 9.9               | 0.7           | 3.8        | NNE        | 0                 |
| 12   | 8     | 1.2             | 10.6       | -3.5       | 4.1              | 5.1 | 6.5  | 9.5  | 12.3 | 15.4         | 70.2   | 0.0         | 10.7              | 0.7           | 5.1        | W          | 0                 |
| 12   | 9     | 2.5             | 12.0       | -2.0       | 4.2              | 5.1 | 6.4  | 9.2  | 12.1 | 15.3         | 59.8   | 0.0         | 8.7               | 1.0           | 6.4        | WNW        | 0                 |
| 12   | 10    | 1.4             | 7.5        | -2.4       | 3.6              | 4.6 | 6.1  | 9.0  | 11.9 | 15.2         | 52.7   | 0.0         | 7.9               | 0.7           | 3.6        | NW         | 0                 |
| 12   | 11    | 4.6             | 11.3       | 0.3        | 4.4              | 5.0 | 6.1  | 8.7  | 11.7 | 15.1         | 87.7   | 3.5         | 3.2               | 1.4           | 12.2       | NNW        | 0                 |
| 12   | 12    | 2.0             | 4.5        | -1.1       | 4.6              | 5.4 | 6.4  | 8.6  | 11.5 | 15.0         | 92.3   | 0.0         | 3.7               | 0.3           | 3.4        | E          | 0                 |
| 12   | 13    | 1.5             | 8.1        | -2.6       | 4.1              | 4.9 | 6.1  | 8.5  | 11.3 | 14.9         | 53.4   | 0.0         | 10.1              | 1.4           | 11.7       | WNW        | 0                 |
| 12   | 14    | -1.6            | 2.6        | -4.4       | 2.5              | 3.9 | 5.6  | 8.4  | 11.2 | 14.9         | 73.7   | 0.0         | 4.7               | 0.5           | 4.6        | ESE        | 0                 |
| 12   | 15    | 0.1             | 9.0        | -5.0       | 2.5              | 3.5 | 5.0  | 8.0  | 11.0 | 14.8         | 61.8   | 0.0         | 10.3              | 0.9           | 4.7        | ESE        | 0                 |
| 12   | 16    | -1.7            | 1.6        | -3.0       | 2.4              | 3.5 | 4.9  | 7.8  | 10.9 | 14.7         | 85.8   | 8.0         | 1.6               | 0.9           | 6.6        | E          | 0                 |
| 12   | 17    | -1.0            | 2.7        | -3.5       | 2.6              | 3.5 | 4.8  | 7.6  | 10.7 | 14.6         | 48.7   | 0.5         | 7.0               | 2.4           | 11.4       | WNW        | 12                |
| 12   | 18    | -1.5            | 3.4        | -4.5       | 2.0              | 3.2 | 4.5  | 7.4  | 10.5 | 14.5         | 45.2   | 0.0         | 11.0              | 2.3           | 13.4       | W          | 0                 |
| 12   | 19    | -0.9            | 6.8        | -6.0       | 1.8              | 2.8 | 4.2  | 7.2  | 10.3 | 14.4         | 58.9   | 0.0         | 10.6              | 1.0           | 5.7        | WNW        | 0                 |
| 12   | 20    | 1.1             | 4.8        | -3.3       | 2.0              | 2.8 | 4.1  | 6.9  | 10.1 | 14.3         | 78.8   | 19.0        | 4.7               | 1.1           | 8.5        | E          | 0                 |
| 12   | 21    | 2.5             | 9.5        | -1.2       | 3.1              | 3.4 | 4.2  | 6.6  | 9.9  | 14.2         | 88.5   | 0.0         | 10.0              | 0.4           | 4.3        | SE         | 0                 |
| 12   | 22    | 1.1             | 6.3        | -2.6       | 2.8              | 3.5 | 4.5  | 6.6  | 9.7  | 14.1         | 47.6   | 0.0         | 10.6              | 1.7           | 11.0       | WNW        | 0                 |
| 12   | 23    | 1.2             | 8.8        | -3.1       | 2.6              | 3.3 | 4.3  | 6.5  | 9.5  | 14.0         | 63.4   | 0.0         | 10.7              | 0.8           | 7.6        | SE         | 0                 |
| 12   | 24    | 1.7             | 11.2       | -3.8       | 2.4              | 3.1 | 4.2  | 6.4  | 9.4  | 13.9         | 58.1   | 0.0         | 10.5              | 0.8           | 5.0        | WNW        | 0                 |
| 12   | 25    | 2.0             | 10.1       | -3.3       | 3.1              | 3.5 | 4.3  | 6.3  | 9.2  | 13.7         | 64.9   | 0.0         | 10.9              | 1.0           | 6.1        | SSE        | 0                 |
| 12   | 26    | -1.1            | 7.0        | -5.9       | 2.2              | 3.0 | 4.2  | 6.3  | 9.1  | 13.7         | 61.8   | 0.0         | 10.8              | 0.9           | 4.6        | WSW        | 0                 |
| 12   | 27    | -1.0            | 7.4        | -5.7       | 1.6              | 2.5 | 3.8  | 6.2  | 9.0  | 13.5         | 48.1   | 0.0         | 10.9              | 1.0           | 6.1        | W          | 0                 |
| 12   | 28    | -0.7            | 8.0        | -6.2       | 1.2              | 2.1 | 3.4  | 6.0  | 8.9  | 13.4         | 58.6   | 0.0         | 10.7              | 0.8           | 5.1        | W          | 0                 |
| 12   | 29    | 1.4             | 7.1        | -0.7       | 1.6              | 2.3 | 3.4  | 5.8  | 8.7  | 13.3         | 96.2   | 8.5         | 2.0               | 0.4           | 6.7        | NNW        | 0                 |
| 12   | 30    | 1.8             | 8.5        | -2.1       | 1.9              | 2.4 | 3.4  | 5.7  | 8.6  | 13.2         | 76.8   | 0.0         | 7.8               | 0.9           | 6.3        | NW         | 0                 |
| 12   | 31    | 3.2             | 11.9       | -1.8       | 2.2              | 2.6 | 3.5  | 5.6  | 8.4  | 13.1         | 57.8   | 0.0         | 9.2               | 1.4           | 12.4       | WNW        | 0                 |
| 計    | Total |                 |            |            |                  |     |      |      |      |              |        | 48.0        |                   |               |            |            |                   |
| 平均   | Mean  | 1.3             | 7.8        | -2.8       | 3.5              | 4.4 | 5.6  | 8.1  | 10.8 | 14.6         | 66.1   | 1.5         | 8.2               | 1.0           | 7.3        |            | 0.4               |
| 最大   | Max.  | 8.4             | 12.0       | 5.1        | 9.4              | 9.8 | 10.3 | 11.5 | 13.2 | 15.9         | 97.2   | 19.0        | 11.7              | 2.4           | 13.4       |            | 12.0              |
| 最低   | Min.  | -1.7            | 1.6        | -6.2       | 1.2              | 2.1 | 3.4  | 5.6  | 8.4  | 13.1         | 45.0   | 0.0         | 1.6               | 0.2           | 3.4        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)



2015年 01月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | -3.2            | 1.2        | -7.8       | 1.5              | 2.4 | 3.5 | 5.5 | 8.3 | 13.0         | 68.6   | 0.5         | 2.4               | 1.0           | 8.2        | W          | 0.0               |
| 01   | 2     | -3.6            | 4.4        | -8.9       | 0.5              | 1.6 | 2.9 | 5.4 | 8.2 | 12.9         | 56.3   | 0.0         | 7.9               | 0.8           | 5.4        | W          | 0.0               |
| 01   | 3     | -1.1            | 7.1        | -5.9       | 0.8              | 1.5 | 2.7 | 5.2 | 8.1 | 12.8         | 53.3   | 0.0         | 11.1              | 1.0           | 6.4        | W          | 0.0               |
| 01   | 4     | -0.1            | 9.6        | -5.1       | 0.7              | 1.4 | 2.6 | 5.0 | 8.0 | 12.7         | 61.7   | 0.0         | 8.0               | 0.7           | 3.8        | WNW        | 0.0               |
| 01   | 5     | 2.5             | 12.0       | -1.6       | 1.6              | 1.8 | 2.7 | 4.9 | 7.8 | 12.6         | 59.8   | 0.0         | 11.0              | 0.9           | 4.2        | W          | 0.0               |
| 01   | 6     | 3.8             | 9.3        | -1.0       | 2.2              | 2.4 | 3.1 | 4.9 | 7.7 | 12.5         | 78.0   | 12.0        | 3.6               | 1.7           | 15.5       | NW         | 0.0               |
| 01   | 7     | 0.1             | 7.7        | -4.4       | 2.4              | 2.7 | 3.4 | 4.9 | 7.6 | 12.4         | 69.2   | 0.0         | 11.6              | 0.7           | 4.5        | SSW        | 0.0               |
| 01   | 8     | 0.1             | 8.6        | -4.6       | 1.8              | 2.4 | 3.3 | 5.0 | 7.5 | 12.3         | 54.9   | 0.0         | 11.4              | 0.9           | 6.4        | SSW        | 0.0               |
| 01   | 9     | -0.1            | 9.3        | -4.9       | 1.5              | 2.1 | 3.1 | 4.9 | 7.4 | 12.2         | 53.9   | 0.0         | 11.7              | 0.9           | 7.4        | SE         | 0.0               |
| 01   | 10    | -0.6            | 7.2        | -5.7       | 1.2              | 1.8 | 2.9 | 4.9 | 7.3 | 12.1         | 51.2   | 0.0         | 11.9              | 1.1           | 11.2       | W          | 0.0               |
| 01   | 11    | 0.9             | 9.1        | -4.4       | 1.4              | 1.8 | 2.8 | 4.8 | 7.3 | 12.0         | 57.7   | 0.0         | 10.9              | 0.9           | 6.7        | W          | 0.0               |
| 01   | 12    | -0.5            | 5.8        | -4.7       | 2.0              | 2.2 | 3.0 | 4.7 | 7.2 | 11.9         | 52.8   | 0.0         | 12.0              | 1.4           | 8.0        | W          | 0.0               |
| 01   | 13    | 0.2             | 10.9       | -5.1       | 1.6              | 2.1 | 2.9 | 4.7 | 7.1 | 11.8         | 54.0   | 0.0         | 12.1              | 0.8           | 3.7        | W          | 0.0               |
| 01   | 14    | 2.6             | 11.7       | -3.4       | 1.6              | 2.0 | 2.9 | 4.6 | 7.0 | 11.7         | 42.8   | 0.0         | 9.5               | 0.6           | 3.7        | W          | 0.0               |
| 01   | 15    | 1.3             | 3.2        | -0.4       | 1.8              | 2.3 | 3.1 | 4.6 | 6.9 | 11.6         | 84.4   | 15.5        | 0.7               | 0.2           | 2.8        | WNW        | 0.0               |
| 01   | 16    | 1.4             | 7.6        | -2.5       | 1.5              | 2.1 | 3.0 | 4.6 | 6.8 | 11.5         | 90.6   | 3.5         | 8.9               | 0.3           | 3.1        | W          | 13.0              |
| 01   | 17    | -1.3            | 3.6        | -4.8       | 1.4              | 2.0 | 2.9 | 4.6 | 6.8 | 11.4         | 84.7   | 1.5         | 3.7               | 1.0           | 9.0        | W          | 0.0               |
| 01   | 18    | -1.4            | 8.0        | -8.2       | 1.3              | 1.9 | 2.8 | 4.5 | 6.7 | 11.4         | 61.6   | 0.0         | 12.6              | 0.8           | 6.4        | NNW        | 0.0               |
| 01   | 19    | 0.1             | 8.5        | -5.5       | 0.6              | 1.4 | 2.5 | 4.5 | 6.7 | 11.3         | 66.8   | 0.0         | 8.2               | 1.1           | 9.2        | WNW        | 0.0               |
| 01   | 20    | 0.5             | 9.2        | -3.9       | 1.3              | 1.6 | 2.4 | 4.3 | 6.6 | 11.2         | 64.0   | 0.0         | 12.5              | 0.7           | 5.7        | SW         | 0.0               |
| 01   | 21    | -2.2            | 1.7        | -5.0       | 0.3              | 1.2 | 2.3 | 4.2 | 6.5 | 11.1         | 82.0   | 0.0         | 3.1               | 0.4           | 4.2        | SE         | 0.0               |
| 01   | 22    | -0.3            | 0.8        | -2.7       | 0.1              | 0.8 | 1.9 | 4.1 | 6.4 | 11.0         | 96.9   | 8.5         | 0.9               | 0.3           | 3.2        | WNW        | 1.0               |
| 01   | 23    | 1.4             | 7.5        | -4.1       | 1.7              | 1.6 | 2.1 | 3.9 | 6.3 | 10.9         | 81.7   | 2.5         | 10.6              | 0.9           | 7.3        | WNW        | 0.0               |
| 01   | 24    | -0.5            | 8.3        | -6.0       | 1.6              | 1.8 | 2.4 | 3.9 | 6.2 | 10.9         | 70.2   | 0.0         | 13.0              | 0.7           | 5.2        | SSW        | 0.0               |
| 01   | 25    | 1.3             | 10.2       | -3.4       | 1.9              | 2.0 | 2.5 | 3.9 | 6.1 | 10.8         | 71.3   | 0.0         | 11.4              | 0.7           | 5.3        | SSW        | 0.0               |
| 01   | 26    | 3.6             | 12.8       | -1.3       | 3.1              | 2.7 | 2.9 | 4.0 | 6.0 | 10.7         | 77.8   | 3.5         | 11.2              | 0.5           | 4.1        | SSW        | 0.0               |
| 01   | 27    | 5.2             | 14.1       | 1.1        | 4.8              | 4.2 | 3.9 | 4.2 | 5.9 | 10.6         | 88.0   | 2.5         | 10.6              | 0.4           | 4.9        | SSW        | 0.0               |
| 01   | 28    | -0.3            | 5.3        | -6.4       | 3.9              | 4.1 | 4.4 | 4.5 | 5.9 | 10.5         | 60.5   | 0.0         | 12.4              | 1.1           | 8.6        | SW         | 0.0               |
| 01   | 29    | -2.0            | 6.7        | -8.1       | 2.1              | 2.7 | 3.6 | 4.7 | 5.9 | 10.4         | 57.6   | 0.0         | 11.9              | 0.7           | 5.8        | S          | 0.0               |
| 01   | 30    | -2.1            | -0.2       | -3.7       | 1.2              | 2.0 | 3.1 | 4.6 | 5.9 | 10.3         | 92.5   | 7.0         | 0.7               | 0.1           | 2.1        | W          | 0.0               |
| 01   | 31    | -1.1            | 5.2        | -4.8       | 1.3              | 1.8 | 2.8 | 4.4 | 6.0 | 10.3         | 74.4   | 0.0         | 4.0               | 0.9           | 7.0        | W          | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 57.0        |                   |               |            |            |                   |
| 平均   | Mean  | 0.2             | 7.3        | -4.4       | 1.6              | 2.1 | 2.9 | 4.6 | 6.9 | 11.6         | 68.4   | 1.8         | 8.7               | 0.8           | 6.1        |            | 0.5               |
| 最大   | Max.  | 5.2             | 14.1       | 1.1        | 4.8              | 4.2 | 4.4 | 5.5 | 8.3 | 13.0         | 96.9   | 15.5        | 13.0              | 1.7           | 15.5       |            | 13.0              |
| 最低   | Min.  | -3.6            | -0.2       | -8.9       | 0.1              | 0.8 | 1.9 | 3.9 | 5.9 | 10.3         | 42.8   | 0.0         | 0.7               | 0.1           | 2.1        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 02月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | -1.8            | 5.0        | -6.1       | 1.3              | 1.7 | 2.6 | 4.3 | 5.9 | 10.2         | 50.6   | 0.0         | 14.5              | 1.4           | 11.1       | W          | 0.0               |
| 02   | 2     | -1.5            | 7.6        | -7.4       | 1.3              | 1.6 | 2.5 | 4.2 | 5.9 | 10.1         | 51.0   | 0.0         | 14.8              | 1.1           | 8.9        | SW         | 0.0               |
| 02   | 3     | -0.8            | 9.4        | -6.7       | 1.6              | 1.8 | 2.5 | 4.1 | 5.9 | 10.1         | 58.5   | 0.0         | 14.8              | 1.2           | 5.2        | WSW        | 0.0               |
| 02   | 4     | -0.4            | 7.7        | -6.4       | 1.8              | 1.9 | 2.6 | 4.0 | 5.8 | 10.0         | 70.2   | 0.0         | 13.4              | 0.8           | 4.3        | SSW        | 0.0               |
| 02   | 5     | -1.7            | -0.2       | -2.9       | 1.5              | 2.0 | 2.7 | 4.0 | 5.8 | 10.0         | 96.9   | 2.5         | 0.7               | 0.1           | 2.5        | ESE        | 4.0               |
| 02   | 6     | -0.1            | 8.1        | -5.2       | 2.2              | 2.2 | 2.7 | 4.0 | 5.7 | 9.9          | 73.1   | 0.0         | 12.3              | 0.8           | 9.3        | W          | 0.0               |
| 02   | 7     | -0.2            | 7.8        | -6.0       | 2.0              | 2.2 | 2.8 | 4.0 | 5.7 | 9.8          | 70.3   | 0.0         | 13.0              | 0.8           | 5.9        | SW         | 0.0               |
| 02   | 8     | -1.5            | 2.8        | -4.2       | 0.8              | 1.6 | 2.6 | 4.0 | 5.7 | 9.8          | 93.9   | 4.5         | 2.4               | 0.4           | 3.6        | WNW        | 0.0               |
| 02   | 9     | -2.8            | 3.5        | -8.3       | 1.2              | 1.6 | 2.3 | 3.9 | 5.6 | 9.7          | 58.6   | 0.0         | 12.5              | 1.5           | 11.1       | W          | 5.0               |
| 02   | 10    | -1.7            | 6.7        | -8.5       | 1.4              | 1.6 | 2.3 | 3.8 | 5.6 | 9.7          | 55.3   | 0.0         | 15.7              | 1.1           | 5.8        | S          | 0.0               |
| 02   | 11    | 0.6             | 10.0       | -5.6       | 1.9              | 2.0 | 2.5 | 3.8 | 5.5 | 9.6          | 59.7   | 0.0         | 15.5              | 1.0           | 3.9        | WSW        | 0.0               |
| 02   | 12    | 2.0             | 11.9       | -3.6       | 2.5              | 2.5 | 2.8 | 3.8 | 5.5 | 9.6          | 56.9   | 0.0         | 12.5              | 0.9           | 4.5        | W          | 0.0               |
| 02   | 13    | -0.6            | 5.8        | -5.8       | 2.4              | 2.5 | 3.0 | 3.9 | 5.4 | 9.5          | 47.6   | 0.0         | 13.6              | 2.1           | 9.4        | W          | 0.0               |
| 02   | 14    | -0.2            | 6.9        | -5.1       | 2.5              | 2.6 | 3.0 | 4.0 | 5.4 | 9.5          | 40.2   | 0.0         | 16.6              | 2.3           | 9.1        | W          | 0.0               |
| 02   | 15    | 0.6             | 5.2        | -3.4       | 2.0              | 2.4 | 3.0 | 4.0 | 5.4 | 9.4          | 56.1   | 0.0         | 8.4               | 1.5           | 10.6       | W          | 0.0               |
| 02   | 16    | 2.2             | 13.3       | -4.4       | 2.5              | 2.5 | 2.9 | 4.0 | 5.4 | 9.4          | 39.6   | 0.0         | 16.5              | 0.9           | 4.8        | W          | 0.0               |
| 02   | 17    | -0.2            | 4.1        | -2.0       | 2.4              | 2.7 | 3.2 | 4.1 | 5.4 | 9.3          | 79.6   | 0.0         | 6.1               | 0.5           | 4.6        | SE         | 1.0               |
| 02   | 18    | -0.6            | 1.1        | -2.5       | 2.0              | 2.5 | 3.1 | 4.1 | 5.4 | 9.3          | 98.0   | 6.5         | 1.7               | 0.1           | 1.7        | WSW        | 2.5               |
| 02   | 19    | 1.5             | 9.3        | -3.7       | 3.1              | 2.9 | 3.2 | 4.1 | 5.3 | 9.2          | 76.9   | 0.0         | 13.5              | 0.6           | 6.1        | WSW        | 4.0               |
| 02   | 20    | 2.0             | 8.1        | -2.8       | 3.3              | 3.4 | 3.6 | 4.2 | 5.3 | 9.2          | 59.8   | 0.0         | 13.1              | 0.9           | 7.4        | WSW        | 0.0               |
| 02   | 21    | 1.4             | 10.1       | -5.4       | 3.5              | 3.4 | 3.6 | 4.3 | 5.4 | 9.1          | 64.5   | 0.0         | 17.0              | 0.7           | 4.3        | S          | 0.0               |
| 02   | 22    | 2.9             | 8.3        | -1.4       | 4.2              | 4.1 | 4.1 | 4.4 | 5.3 | 9.1          | 81.9   | 0.0         | 9.9               | 0.6           | 5.8        | SE         | 0.0               |
| 02   | 23    | 7.0             | 16.5       | 1.9        | 5.5              | 5.0 | 4.7 | 4.6 | 5.3 | 9.0          | 87.4   | 0.0         | 8.8               | 0.6           | 4.5        | N          | 0.0               |
| 02   | 24    | 5.2             | 12.2       | 0.9        | 5.8              | 5.5 | 5.2 | 4.9 | 5.4 | 9.0          | 80.2   | 0.0         | 12.7              | 0.6           | 5.1        | SSE        | 0.0               |
| 02   | 25    | 3.9             | 8.8        | 1.7        | 5.6              | 5.6 | 5.5 | 5.2 | 5.4 | 9.0          | 83.8   | 0.5         | 7.3               | 0.5           | 5.2        | ESE        | 0.0               |
| 02   | 26    | 1.5             | 2.7        | 0.7        | 4.6              | 5.1 | 5.4 | 5.4 | 5.5 | 8.9          | 99.8   | 1.5         | 2.1               | 0.1           | 4.0        | ESE        | 0.0               |
| 02   | 27    | 3.4             | 10.9       | -1.4       | 5.6              | 5.3 | 5.3 | 5.5 | 5.6 | 8.9          | 61.8   | 0.0         | 18.5              | 1.2           | 9.4        | SW         | 0.0               |
| 02   | 28    | 3.0             | 11.4       | -2.0       | 5.4              | 5.4 | 5.5 | 5.6 | 5.7 | 8.8          | 42.9   | 0.0         | 16.9              | 1.1           | 6.7        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 15.5        |                   |               |            |            |                   |
| 平均   | Mean  | 0.8             | 7.7        | -3.8       | 2.9              | 3.0 | 3.4 | 4.3 | 5.5 | 9.5          | 67.7   | 0.6         | 11.6              | 0.9           | 6.2        |            | 0.6               |
| 最大   | Max.  | 7.0             | 16.5       | 1.9        | 5.8              | 5.6 | 5.5 | 5.6 | 5.9 | 10.2         | 99.8   | 6.5         | 18.5              | 2.3           | 11.1       |            | 5.0               |
| 最低   | Min.  | -2.8            | -0.2       | -8.5       | 0.8              | 1.6 | 2.3 | 3.8 | 5.3 | 8.8          | 39.6   | 0.0         | 0.7               | 0.1           | 1.7        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 0.6             | 3.0        | -0.7       | 4.1              | 4.8  | 5.4 | 5.7 | 5.8 | 8.8          | 87.3   | 15.0        | 2.7               | 0.5           | 3.8        | ESE        | 0.0               |
| 03   | 2     | 3.0             | 10.3       | -2.3       | 4.6              | 4.6  | 4.9 | 5.6 | 5.8 | 8.8          | 69.6   | 0.5         | 17.9              | 0.6           | 5.5        | SSE        | 4.0               |
| 03   | 3     | 0.4             | 6.0        | -3.5       | 3.9              | 4.3  | 4.8 | 5.5 | 5.9 | 8.8          | 84.6   | 2.5         | 11.1              | 0.9           | 5.5        | ESE        | 0.0               |
| 03   | 4     | 4.7             | 14.7       | -1.4       | 4.5              | 4.6  | 4.8 | 5.5 | 5.9 | 8.7          | 81.6   | 8.0         | 17.2              | 0.5           | 5.0        | NE         | 12.0              |
| 03   | 5     | 3.4             | 11.7       | -2.3       | 5.7              | 5.3  | 5.2 | 5.5 | 5.9 | 8.7          | 62.6   | 0.0         | 19.6              | 0.9           | 6.9        | SE         | 0.0               |
| 03   | 6     | 2.2             | 8.6        | -0.8       | 5.6              | 5.7  | 5.7 | 5.6 | 5.9 | 8.7          | 64.9   | 0.0         | 11.2              | 0.5           | 5.7        | SE         | 0.0               |
| 03   | 7     | 0.4             | 1.4        | -0.9       | 4.4              | 5.0  | 5.5 | 5.8 | 5.9 | 8.7          | 99.3   | 1.0         | 2.2               | 0.1           | 3.0        | ESE        | 0.0               |
| 03   | 8     | 3.5             | 8.5        | 0.4        | 4.8              | 4.8  | 5.2 | 5.8 | 6.0 | 8.7          | 98.0   | 1.5         | 5.3               | 0.1           | 2.3        | ESE        | 0.0               |
| 03   | 9     | 3.9             | 6.3        | 2.2        | 5.2              | 5.3  | 5.5 | 5.8 | 6.0 | 8.6          | 99.2   | 7.5         | 3.3               | 0.0           | 2.1        | SSE        | 0.0               |
| 03   | 10    | 1.9             | 8.0        | -4.1       | 5.5              | 5.6  | 5.7 | 5.9 | 6.0 | 8.6          | 66.1   | 1.0         | 11.4              | 1.7           | 11.3       | W          | 0.0               |
| 03   | 11    | 0.5             | 6.4        | -4.1       | 4.4              | 4.8  | 5.4 | 6.0 | 6.1 | 8.6          | 35.6   | 0.0         | 18.7              | 2.5           | 12.6       | WNW        | 0.0               |
| 03   | 12    | 2.6             | 10.6       | -3.0       | 5.0              | 4.9  | 5.3 | 5.9 | 6.1 | 8.6          | 37.1   | 0.0         | 20.8              | 1.9           | 12.7       | WNW        | 0.0               |
| 03   | 13    | 3.8             | 11.6       | -3.4       | 5.3              | 5.3  | 5.5 | 5.9 | 6.1 | 8.6          | 38.2   | 0.0         | 19.0              | 1.9           | 10.0       | W          | 0.0               |
| 03   | 14    | 3.2             | 8.4        | -2.2       | 4.9              | 5.3  | 5.6 | 6.0 | 6.1 | 8.6          | 58.5   | 0.0         | 8.9               | 1.4           | 9.9        | E          | 0.0               |
| 03   | 15    | 2.8             | 10.9       | -3.2       | 5.3              | 5.2  | 5.4 | 6.0 | 6.2 | 8.6          | 73.3   | 0.0         | 19.2              | 0.9           | 5.5        | SE         | 0.0               |
| 03   | 16    | 6.8             | 15.8       | 0.4        | 6.3              | 6.0  | 5.9 | 6.0 | 6.2 | 8.6          | 75.3   | 0.0         | 11.1              | 0.8           | 5.0        | NNE        | 0.0               |
| 03   | 17    | 10.7            | 22.1       | 1.5        | 8.4              | 7.4  | 6.7 | 6.2 | 6.2 | 8.6          | 67.0   | 0.0         | 20.8              | 0.9           | 5.8        | WSW        | 0.0               |
| 03   | 18    | 11.4            | 19.7       | 5.3        | 9.1              | 8.5  | 7.8 | 6.6 | 6.2 | 8.5          | 59.0   | 0.5         | 14.9              | 0.9           | 5.8        | SE         | 0.0               |
| 03   | 19    | 8.5             | 11.4       | 5.7        | 8.8              | 8.6  | 8.2 | 7.0 | 6.2 | 8.5          | 98.7   | 10.0        | 5.0               | 0.3           | 4.5        | E          | 0.0               |
| 03   | 20    | 9.0             | 15.2       | 4.3        | 9.6              | 9.0  | 8.4 | 7.4 | 6.3 | 8.5          | 89.8   | 0.0         | 14.7              | 0.6           | 6.2        | ESE        | 0.0               |
| 03   | 21    | 6.7             | 12.0       | 3.6        | 9.0              | 9.0  | 8.8 | 7.7 | 6.5 | 8.5          | 83.1   | 0.0         | 8.2               | 0.2           | 5.4        | SE         | 0.0               |
| 03   | 22    | 7.6             | 15.9       | 0.4        | 8.7              | 8.6  | 8.5 | 7.9 | 6.6 | 8.5          | 65.9   | 0.0         | 14.7              | 0.7           | 5.8        | WNW        | 0.0               |
| 03   | 23    | 4.3             | 13.0       | -1.7       | 8.1              | 8.3  | 8.4 | 8.0 | 6.8 | 8.5          | 49.5   | 0.0         | 16.2              | 1.4           | 8.1        | E          | 0.0               |
| 03   | 24    | 2.6             | 8.4        | -2.1       | 6.6              | 7.2  | 7.8 | 8.0 | 6.9 | 8.5          | 36.0   | 0.0         | 16.7              | 1.9           | 9.1        | W          | 0.0               |
| 03   | 25    | 2.6             | 10.8       | -2.3       | 6.8              | 6.9  | 7.3 | 7.8 | 7.0 | 8.5          | 40.3   | 0.0         | 22.3              | 1.5           | 8.5        | W          | 0.0               |
| 03   | 26    | 4.1             | 14.1       | -4.1       | 7.1              | 7.1  | 7.3 | 7.7 | 7.1 | 8.6          | 39.3   | 0.0         | 23.3              | 1.1           | 5.2        | SSW        | 0.0               |
| 03   | 27    | 8.9             | 20.1       | -0.3       | 8.4              | 8.0  | 7.7 | 7.7 | 7.2 | 8.6          | 36.9   | 0.0         | 23.6              | 1.0           | 5.4        | WNW        | 0.0               |
| 03   | 28    | 9.6             | 18.7       | 3.8        | 8.4              | 8.3  | 8.2 | 7.8 | 7.2 | 8.6          | 41.1   | 0.0         | 15.5              | 0.9           | 5.2        | WNW        | 0.0               |
| 03   | 29    | 9.5             | 17.0       | 4.1        | 8.1              | 8.2  | 8.2 | 8.0 | 7.2 | 8.6          | 53.8   | 0.0         | 10.9              | 0.9           | 5.3        | NW         | 0.0               |
| 03   | 30    | 11.7            | 22.3       | 2.9        | 9.8              | 9.0  | 8.5 | 8.1 | 7.3 | 8.6          | 52.6   | 0.0         | 22.9              | 1.0           | 5.8        | SSW        | 0.0               |
| 03   | 31    | 12.5            | 23.0       | 3.6        | 11.1             | 10.3 | 9.5 | 8.3 | 7.3 | 8.6          | 59.8   | 0.0         | 22.9              | 0.9           | 5.7        | S          | 0.0               |
| 計    | Total |                 |            |            |                  |      |     |     |     |              |        | 47.5        |                   |               |            |            |                   |
| 平均   | Mean  | 5.3             | 12.4       | -0.1       | 6.7              | 6.6  | 6.7 | 6.7 | 6.4 | 8.6          | 64.6   | 1.5         | 14.6              | 1.0           | 6.4        |            | 0.5               |
| 最大   | Max.  | 12.5            | 23.0       | 5.7        | 11.1             | 10.3 | 9.5 | 8.3 | 7.3 | 8.8          | 99.3   | 15.0        | 23.6              | 2.5           | 12.7       |            | 12.0              |
| 最低   | Min.  | 0.4             | 1.4        | -4.1       | 3.9              | 4.3  | 4.8 | 5.5 | 5.8 | 8.5          | 35.6   | 0.0         | 2.2               | 0.0           | 2.1        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 04月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 11.2            | 17.9       | 7.1        | 10.7             | 10.5 | 10.0 | 8.7  | 7.4  | 8.7          | 70.4   | 5.0         | 9.4               | 0.8           | 6.0        | ESE        | 0.0               |
| 04   | 2     | 8.8             | 16.9       | 1.7        | 11.7             | 11.0 | 10.3 | 9.0  | 7.5  | 8.6          | 79.5   | 0.0         | 24.0              | 0.7           | 6.6        | SE         | 0.0               |
| 04   | 3     | 12.8            | 21.0       | 2.9        | 11.0             | 10.8 | 10.5 | 9.3  | 7.6  | 8.7          | 80.4   | 0.0         | 11.9              | 1.7           | 12.7       | WNW        | 0.0               |
| 04   | 4     | 10.0            | 13.9       | 6.0        | 10.9             | 11.0 | 10.7 | 9.5  | 7.8  | 8.7          | 95.7   | 0.5         | 2.1               | 0.4           | 4.2        | ESE        | 0.0               |
| 04   | 5     | 7.6             | 11.1       | 5.5        | 9.7              | 9.9  | 10.2 | 9.7  | 7.9  | 8.7          | 95.7   | 0.0         | 5.1               | 0.1           | 3.7        | SSE        | 0.0               |
| 04   | 6     | 14.8            | 22.8       | 8.2        | 11.6             | 10.9 | 10.4 | 9.7  | 8.0  | 8.8          | 85.6   | 0.0         | 10.5              | 0.4           | 5.0        | ESE        | 0.0               |
| 04   | 7     | 7.4             | 11.9       | 4.1        | 10.6             | 10.9 | 10.9 | 9.9  | 8.1  | 8.8          | 99.9   | 13.5        | 2.4               | 0.3           | 4.9        | ESE        | 0.0               |
| 04   | 8     | 0.6             | 4.2        | -1.3       | 7.4              | 8.6  | 9.7  | 10.0 | 8.2  | 8.8          | 99.8   | 11.0        | 3.1               | 0.0           | 3.8        | E          | 2.0               |
| 04   | 9     | 0.2             | 1.6        | -1.3       | 6.4              | 7.2  | 8.3  | 9.6  | 8.4  | 8.9          | 99.5   | 0.0         | 4.7               | 0.0           | 3.0        | ESE        | 0.0               |
| 04   | 10    | 2.5             | 4.8        | 0.4        | 6.7              | 7.2  | 8.0  | 9.2  | 8.5  | 8.9          | 97.9   | 6.0         | 6.1               | 0.0           | 0.3        | N          | 0.0               |
| 04   | 11    | 6.8             | 11.2       | 3.1        | 7.8              | 7.7  | 8.1  | 9.0  | 8.5  | 8.9          | 97.4   | 5.0         | 6.8               | 0.0           | 0.4        | ESE        | 0.0               |
| 04   | 12    | 7.9             | 15.8       | 0.7        | 9.5              | 9.0  | 8.8  | 8.9  | 8.5  | 9.0          | 76.5   | 0.0         | 20.9              | 0.5           | 5.5        | ESE        | 0.0               |
| 04   | 13    | 4.5             | 5.8        | 3.3        | 8.0              | 8.7  | 9.1  | 9.1  | 8.4  | 9.0          | 97.1   | 23.5        | 2.4               | 0.1           | 2.4        | W          | 0.0               |
| 04   | 14    | 8.2             | 10.9       | 4.5        | 8.1              | 8.2  | 8.6  | 9.1  | 8.4  | 9.1          | 99.7   | 13.0        | 3.4               | 0.0           | 3.4        | W          | 0.0               |
| 04   | 15    | 9.7             | 15.7       | 3.7        | 10.4             | 9.8  | 9.4  | 9.1  | 8.4  | 9.1          | 77.8   | 1.0         | 19.6              | 1.5           | 11.8       | WNW        | 0.0               |
| 04   | 16    | 10.9            | 20.6       | 2.5        | 10.8             | 10.4 | 10.0 | 9.3  | 8.5  | 9.1          | 73.7   | 0.0         | 18.9              | 0.8           | 4.5        | E          | 0.0               |
| 04   | 17    | 10.7            | 17.7       | 4.0        | 11.1             | 11.0 | 10.6 | 9.6  | 8.5  | 9.2          | 75.4   | 0.0         | 11.9              | 0.8           | 5.4        | E          | 0.0               |
| 04   | 18    | 10.7            | 21.0       | 1.5        | 10.9             | 10.7 | 10.5 | 9.9  | 8.6  | 9.2          | 43.5   | 0.0         | 23.7              | 1.0           | 10.5       | W          | 0.0               |
| 04   | 19    | 10.1            | 15.5       | 5.6        | 10.2             | 10.4 | 10.5 | 10.0 | 8.7  | 9.3          | 66.4   | 0.0         | 8.9               | 0.3           | 3.4        | WSW        | 0.0               |
| 04   | 20    | 10.4            | 13.5       | 7.8        | 10.3             | 10.3 | 10.4 | 10.1 | 8.7  | 9.3          | 91.4   | 7.5         | 5.9               | 0.9           | 6.8        | E          | 0.0               |
| 04   | 21    | 12.5            | 15.9       | 9.6        | 11.5             | 11.1 | 10.8 | 10.2 | 8.8  | 9.3          | 95.6   | 0.5         | 5.3               | 0.0           | 2.8        | E          | 0.0               |
| 04   | 22    | 12.1            | 17.4       | 8.6        | 12.3             | 11.8 | 11.3 | 10.4 | 8.9  | 9.3          | 80.3   | 0.0         | 13.3              | 0.4           | 4.6        | ESE        | 0.0               |
| 04   | 23    | 14.6            | 23.3       | 7.2        | 13.6             | 12.9 | 12.0 | 10.6 | 8.9  | 9.4          | 61.9   | 0.0         | 26.2              | 0.8           | 5.5        | SSE        | 0.0               |
| 04   | 24    | 14.4            | 22.0       | 7.8        | 14.4             | 13.7 | 12.8 | 11.0 | 9.0  | 9.4          | 74.6   | 0.0         | 23.1              | 0.8           | 6.0        | SE         | 0.0               |
| 04   | 25    | 12.2            | 19.2       | 7.1        | 13.3             | 13.4 | 13.1 | 11.4 | 9.2  | 9.4          | 70.7   | 0.0         | 12.4              | 0.7           | 5.2        | ESE        | 0.0               |
| 04   | 26    | 13.3            | 22.0       | 5.1        | 13.7             | 13.3 | 12.8 | 11.6 | 9.3  | 9.4          | 69.9   | 0.0         | 25.7              | 0.7           | 5.6        | SE         | 0.0               |
| 04   | 27    | 17.2            | 27.5       | 8.3        | 14.8             | 14.2 | 13.4 | 11.8 | 9.5  | 9.5          | 52.0   | 0.0         | 26.4              | 0.7           | 5.4        | SSE        | 0.0               |
| 04   | 28    | 18.6            | 28.4       | 11.4       | 15.5             | 14.9 | 14.0 | 12.2 | 9.7  | 9.5          | 40.0   | 0.0         | 24.8              | 0.8           | 7.1        | SSE        | 0.0               |
| 04   | 29    | 15.5            | 22.8       | 9.8        | 15.3             | 15.0 | 14.3 | 12.5 | 9.8  | 9.6          | 57.0   | 0.0         | 22.5              | 0.9           | 6.1        | SE         | 0.0               |
| 04   | 30    | 15.4            | 23.4       | 8.9        | 15.5             | 15.2 | 14.4 | 12.8 | 10.0 | 9.6          | 63.1   | 0.0         | 26.4              | 0.8           | 4.5        | SSE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 86.5        |                   |               |            |            |                   |
| 平均   | Mean  | 10.4            | 16.5       | 5.1        | 11.1             | 11.0 | 10.8 | 10.1 | 8.6  | 9.1          | 79.0   | 2.9         | 13.6              | 0.6           | 5.2        |            | 0.1               |
| 最大   | Max.  | 18.6            | 28.4       | 11.4       | 15.5             | 15.2 | 14.4 | 12.8 | 10.0 | 9.6          | 99.9   | 23.5        | 26.4              | 1.7           | 12.7       |            | 2.0               |
| 最低   | Min.  | 0.2             | 1.6        | -1.3       | 6.4              | 7.2  | 8.0  | 8.7  | 7.4  | 8.6          | 40.0   | 0.0         | 2.1               | 0.0           | 0.3        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 05月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 16.5            | 25.8       | 7.7        | 15.4             | 15.2 | 14.6 | 13.0 | 10.2 | 9.7          | 44.7   | 0.0         | 27.1              | 0.8           | 5.3        | S          | 0.0               |
| 05   | 2     | 18.0            | 26.9       | 10.8       | 16.0             | 15.6 | 14.8 | 13.2 | 10.4 | 9.7          | 51.3   | 0.0         | 26.2              | 0.8           | 6.5        | SE         | 0.0               |
| 05   | 3     | 16.5            | 24.3       | 9.0        | 16.1             | 15.8 | 15.0 | 13.4 | 10.6 | 9.8          | 61.3   | 0.0         | 21.6              | 0.6           | 5.0        | S          | 0.0               |
| 05   | 4     | 17.8            | 26.4       | 12.1       | 17.0             | 16.5 | 15.5 | 13.6 | 10.8 | 9.8          | 72.7   | 0.0         | 18.3              | 0.7           | 7.6        | SSE        | 0.0               |
| 05   | 5     | 14.2            | 21.5       | 7.9        | 16.6             | 16.5 | 15.8 | 13.9 | 10.9 | 9.9          | 70.3   | 7.0         | 23.8              | 0.8           | 6.1        | ESE        | 0.0               |
| 05   | 6     | 13.9            | 22.1       | 5.9        | 15.6             | 15.8 | 15.4 | 14.1 | 11.1 | 9.9          | 71.0   | 0.0         | 22.8              | 0.6           | 5.5        | ESE        | 0.0               |
| 05   | 7     | 14.4            | 22.9       | 10.4       | 15.4             | 15.7 | 15.3 | 14.2 | 11.3 | 10.0         | 71.0   | 0.5         | 14.1              | 0.3           | 4.3        | SW         | 0.0               |
| 05   | 8     | 15.3            | 21.5       | 10.2       | 15.0             | 15.3 | 15.1 | 14.2 | 11.5 | 10.1         | 67.2   | 0.0         | 12.9              | 0.4           | 3.8        | WNW        | 0.0               |
| 05   | 9     | 13.3            | 16.4       | 11.2       | 14.2             | 14.7 | 14.7 | 14.2 | 11.7 | 10.2         | 86.1   | 0.0         | 6.1               | 0.4           | 4.3        | ESE        | 0.0               |
| 05   | 10    | 14.3            | 24.0       | 6.6        | 15.5             | 15.3 | 14.8 | 14.1 | 11.8 | 10.2         | 59.7   | 0.0         | 27.1              | 0.8           | 5.5        | SE         | 0.0               |
| 05   | 11    | 12.6            | 21.5       | 4.0        | 14.7             | 15.0 | 14.7 | 14.1 | 11.9 | 10.4         | 43.5   | 0.0         | 27.3              | 0.8           | 5.5        | ESE        | 0.0               |
| 05   | 12    | 13.2            | 20.3       | 9.0        | 14.1             | 14.7 | 14.6 | 14.1 | 12.0 | 10.4         | 73.8   | 26.0        | 10.4              | 1.2           | 12.7       | W          | 0.0               |
| 05   | 13    | 16.8            | 25.6       | 11.0       | 15.5             | 15.1 | 14.6 | 14.1 | 11.9 | 10.5         | 58.8   | 0.0         | 28.6              | 1.4           | 12.0       | WNW        | 0.0               |
| 05   | 14    | 19.0            | 28.1       | 11.1       | 16.4             | 16.0 | 15.3 | 14.2 | 12.0 | 10.6         | 48.3   | 0.0         | 26.0              | 0.7           | 4.9        | N          | 0.0               |
| 05   | 15    | 19.1            | 26.4       | 13.2       | 17.4             | 17.0 | 16.0 | 14.5 | 12.1 | 10.7         | 62.9   | 0.0         | 23.3              | 0.7           | 5.5        | ESE        | 0.0               |
| 05   | 16    | 16.8            | 20.8       | 15.0       | 16.9             | 16.9 | 16.3 | 14.8 | 12.2 | 10.7         | 90.3   | 2.5         | 7.6               | 0.1           | 3.1        | ESE        | 0.0               |
| 05   | 17    | 18.0            | 26.1       | 11.5       | 17.8             | 17.5 | 16.6 | 15.1 | 12.3 | 10.8         | 52.2   | 0.0         | 27.8              | 0.9           | 7.5        | SSW        | 0.0               |
| 05   | 18    | 16.4            | 23.1       | 9.8        | 16.8             | 16.9 | 16.5 | 15.3 | 12.5 | 10.9         | 68.0   | 0.0         | 17.9              | 0.7           | 7.5        | SE         | 0.0               |
| 05   | 19    | 15.8            | 21.2       | 11.8       | 16.4             | 16.6 | 16.4 | 15.4 | 12.6 | 11.0         | 95.1   | 8.5         | 9.1               | 0.2           | 4.4        | E          | 0.0               |
| 05   | 20    | 18.1            | 24.1       | 12.6       | 17.9             | 17.4 | 16.7 | 15.4 | 12.7 | 11.1         | 80.9   | 0.0         | 21.5              | 0.6           | 5.2        | ESE        | 0.0               |
| 05   | 21    | 13.7            | 21.7       | 8.0        | 16.7             | 17.1 | 16.8 | 15.6 | 12.8 | 11.1         | 65.8   | 21.0        | 27.6              | 1.0           | 7.6        | W          | 0.0               |
| 05   | 22    | 14.3            | 22.9       | 7.7        | 15.9             | 16.3 | 16.3 | 15.7 | 13.0 | 11.2         | 68.3   | 0.0         | 20.0              | 0.7           | 4.1        | W          | 0.0               |
| 05   | 23    | 17.1            | 25.4       | 10.1       | 16.4             | 16.4 | 16.2 | 15.7 | 13.1 | 11.3         | 59.1   | 0.0         | 21.4              | 0.4           | 4.9        | S          | 0.0               |
| 05   | 24    | 17.3            | 24.0       | 12.3       | 17.1             | 17.1 | 16.6 | 15.7 | 13.2 | 11.4         | 62.6   | 0.0         | 19.7              | 0.5           | 4.3        | SSE        | 0.0               |
| 05   | 25    | 17.1            | 23.8       | 11.5       | 16.9             | 17.0 | 16.6 | 15.8 | 13.3 | 11.5         | 67.5   | 0.0         | 19.5              | 0.6           | 5.2        | ESE        | 0.0               |
| 05   | 26    | 18.4            | 27.8       | 10.1       | 17.4             | 17.3 | 16.8 | 15.9 | 13.4 | 11.6         | 57.5   | 0.0         | 25.0              | 0.8           | 5.2        | ENE        | 0.0               |
| 05   | 27    | 20.0            | 28.8       | 12.4       | 18.2             | 17.9 | 17.2 | 16.0 | 13.5 | 11.7         | 59.1   | 0.0         | 27.2              | 0.7           | 5.1        | ESE        | 0.0               |
| 05   | 28    | 18.4            | 24.3       | 13.9       | 18.8             | 18.4 | 17.7 | 16.2 | 13.7 | 11.8         | 77.5   | 0.0         | 19.0              | 0.5           | 5.7        | ESE        | 0.0               |
| 05   | 29    | 16.3            | 18.8       | 14.4       | 17.8             | 18.1 | 17.8 | 16.5 | 13.8 | 11.8         | 84.9   | 6.0         | 8.0               | 0.4           | 3.8        | SSE        | 0.0               |
| 05   | 30    | 20.4            | 30.0       | 12.7       | 19.2             | 18.5 | 17.8 | 16.6 | 13.8 | 11.9         | 77.8   | 4.5         | 26.2              | 0.3           | 4.2        | SSE        | 0.0               |
| 05   | 31    | 19.9            | 27.3       | 13.5       | 20.0             | 19.7 | 18.7 | 16.8 | 13.9 | 12.0         | 69.3   | 0.0         | 22.9              | 0.8           | 5.7        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 76.0        |                   |               |            |            |                   |
| 平均   | Mean  | 16.5            | 24.0       | 10.6       | 16.6             | 16.5 | 16.0 | 14.9 | 12.3 | 10.8         | 67.0   | 2.5         | 20.5              | 0.7           | 5.7        |            | 0.0               |
| 最大   | Max.  | 20.4            | 30.0       | 15.0       | 20.0             | 19.7 | 18.7 | 16.8 | 13.9 | 12.0         | 95.1   | 26.0        | 28.6              | 1.4           | 12.7       |            | 0.0               |
| 最低   | Min.  | 12.6            | 16.4       | 4.0        | 14.1             | 14.7 | 14.6 | 13.0 | 10.2 | 9.7          | 43.5   | 0.0         | 6.1               | 0.1           | 3.1        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 06月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 18.9            | 26.5       | 12.1       | 19.5             | 19.4 | 18.7 | 17.1 | 14.1 | 12.1         | 68.1   | 0.0         | 26.1              | 0.7           | 5.2        | SSE        | 0.0               |
| 06   | 2     | 19.5            | 27.0       | 13.0       | 19.4             | 19.4 | 18.8 | 17.3 | 14.3 | 12.2         | 75.1   | 0.0         | 19.2              | 0.6           | 5.1        | ESE        | 0.0               |
| 06   | 3     | 17.0            | 19.9       | 14.0       | 18.4             | 18.9 | 18.6 | 17.5 | 14.3 | 12.2         | 95.5   | 16.0        | 6.5               | 0.2           | 3.1        | W          | 0.0               |
| 06   | 4     | 16.9            | 26.3       | 10.2       | 18.5             | 18.6 | 18.3 | 17.5 | 14.5 | 12.3         | 66.5   | 0.0         | 26.1              | 0.7           | 7.3        | WNW        | 0.0               |
| 06   | 5     | 12.4            | 17.1       | 8.6        | 16.0             | 17.2 | 17.7 | 17.5 | 14.6 | 12.4         | 79.2   | 28.0        | 7.6               | 0.2           | 4.2        | W          | 0.0               |
| 06   | 6     | 14.4            | 20.7       | 9.7        | 15.9             | 16.3 | 16.6 | 17.2 | 14.7 | 12.5         | 86.9   | 6.5         | 16.9              | 0.4           | 4.2        | ESE        | 0.0               |
| 06   | 7     | 16.0            | 22.8       | 9.8        | 17.2             | 17.3 | 17.0 | 16.9 | 14.9 | 12.6         | 81.1   | 0.0         | 21.5              | 0.5           | 5.8        | ESE        | 0.0               |
| 06   | 8     | 15.6            | 19.7       | 12.8       | 17.3             | 17.6 | 17.4 | 17.0 | 14.9 | 12.6         | 87.4   | 1.0         | 10.6              | 0.3           | 4.9        | ESE        | 0.0               |
| 06   | 9     | 15.4            | 17.9       | 12.9       | 16.7             | 17.2 | 17.3 | 17.1 | 14.9 | 12.7         | 97.2   | 13.0        | 6.9               | 0.1           | 2.8        | WSW        | 0.0               |
| 06   | 10    | 17.3            | 23.6       | 11.7       | 17.3             | 17.4 | 17.3 | 17.0 | 15.0 | 12.8         | 86.1   | 0.0         | 16.8              | 0.3           | 4.0        | SSE        | 0.0               |
| 06   | 11    | 19.1            | 25.4       | 14.6       | 18.4             | 18.2 | 17.7 | 17.1 | 15.0 | 12.9         | 82.8   | 0.0         | 16.7              | 0.3           | 4.3        | SE         | 0.0               |
| 06   | 12    | 17.6            | 20.2       | 15.5       | 18.2             | 18.4 | 18.1 | 17.3 | 15.0 | 13.0         | 96.3   | 4.5         | 5.7               | 0.1           | 3.4        | WSW        | 0.0               |
| 06   | 13    | 20.3            | 26.8       | 14.8       | 19.4             | 19.0 | 18.4 | 17.4 | 15.1 | 13.1         | 79.8   | 0.0         | 20.4              | 0.4           | 4.1        | SW         | 0.0               |
| 06   | 14    | 19.1            | 23.3       | 15.6       | 19.3             | 19.4 | 18.9 | 17.7 | 15.2 | 13.2         | 84.8   | 0.0         | 11.8              | 0.5           | 4.9        | ESE        | 0.0               |
| 06   | 15    | 20.3            | 28.1       | 14.0       | 19.4             | 19.3 | 18.9 | 17.9 | 15.3 | 13.3         | 76.7   | 0.0         | 19.1              | 0.4           | 3.9        | WSW        | 0.0               |
| 06   | 16    | 18.4            | 22.0       | 15.2       | 19.0             | 19.2 | 19.0 | 18.0 | 15.4 | 13.3         | 88.3   | 1.5         | 7.6               | 0.4           | 4.3        | ESE        | 0.0               |
| 06   | 17    | 17.2            | 21.2       | 13.7       | 19.1             | 19.1 | 18.9 | 18.1 | 15.5 | 13.4         | 90.8   | 1.0         | 11.6              | 0.4           | 4.7        | SE         | 0.0               |
| 06   | 18    | 15.6            | 17.3       | 12.9       | 18.2             | 18.8 | 18.8 | 18.2 | 15.6 | 13.4         | 99.0   | 3.5         | 3.2               | 0.0           | 2.2        | E          | 0.0               |
| 06   | 19    | 13.8            | 15.4       | 12.6       | 17.2             | 17.9 | 18.2 | 18.1 | 15.6 | 13.5         | 99.2   | 18.0        | 4.8               | 0.0           | 3.4        | E          | 0.0               |
| 06   | 20    | 16.2            | 22.5       | 12.4       | 18.5             | 18.5 | 18.4 | 18.0 | 15.7 | 13.6         | 93.3   | 33.5        | 16.3              | 0.3           | 4.8        | ESE        | 0.0               |
| 06   | 21    | 15.7            | 17.6       | 13.1       | 17.8             | 18.3 | 18.4 | 18.2 | 15.9 | 13.7         | 97.7   | 4.0         | 6.9               | 0.0           | 2.2        | ESE        | 0.0               |
| 06   | 22    | 17.8            | 22.5       | 14.2       | 19.5             | 19.2 | 18.8 | 18.2 | 16.0 | 13.8         | 91.2   | 0.0         | 13.8              | 0.2           | 4.0        | E          | 0.0               |
| 06   | 23    | 17.7            | 24.2       | 13.7       | 19.8             | 19.8 | 19.4 | 18.3 | 16.0 | 13.9         | 91.3   | 7.5         | 12.3              | 0.3           | 4.9        | SE         | 0.0               |
| 06   | 24    | 18.7            | 26.2       | 12.2       | 20.3             | 20.0 | 19.5 | 18.5 | 16.0 | 14.0         | 85.6   | 0.0         | 20.8              | 0.3           | 4.3        | ESE        | 0.0               |
| 06   | 25    | 19.8            | 25.6       | 15.5       | 21.1             | 20.9 | 20.2 | 18.7 | 16.1 | 14.1         | 85.0   | 0.0         | 15.8              | 0.3           | 4.5        | ESE        | 0.0               |
| 06   | 26    | 17.2            | 19.9       | 15.3       | 19.4             | 20.1 | 20.1 | 19.0 | 16.2 | 14.1         | 94.0   | 10.0        | 5.6               | 0.1           | 2.5        | ESE        | 0.0               |
| 06   | 27    | 18.1            | 21.7       | 15.5       | 19.7             | 19.8 | 19.7 | 19.0 | 16.3 | 14.2         | 94.1   | 0.0         | 9.7               | 0.3           | 5.5        | ESE        | 0.0               |
| 06   | 28    | 19.6            | 28.4       | 13.1       | 21.3             | 20.8 | 20.1 | 19.0 | 16.4 | 14.3         | 73.1   | 0.0         | 27.3              | 0.8           | 6.7        | ESE        | 0.0               |
| 06   | 29    | 18.5            | 25.3       | 12.0       | 21.4             | 21.3 | 20.7 | 19.2 | 16.5 | 14.3         | 78.2   | 0.0         | 22.0              | 0.7           | 5.7        | ESE        | 0.0               |
| 06   | 30    | 17.2            | 21.1       | 15.2       | 20.0             | 20.6 | 20.6 | 19.5 | 16.6 | 14.4         | 90.0   | 1.0         | 8.0               | 0.5           | 3.8        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 149.0       |                   |               |            |            |                   |
| 平均   | Mean  | 17.4            | 22.5       | 13.2       | 18.8             | 18.9 | 18.7 | 17.9 | 15.4 | 13.3         | 86.5   | 5.0         | 13.9              | 0.3           | 4.3        |            | 0.0               |
| 最大   | Max.  | 20.3            | 28.4       | 15.6       | 21.4             | 21.3 | 20.7 | 19.5 | 16.6 | 14.4         | 99.2   | 33.5        | 27.3              | 0.8           | 7.3        |            | 0.0               |
| 最低   | Min.  | 12.4            | 15.4       | 8.6        | 15.9             | 16.3 | 16.6 | 16.9 | 14.1 | 12.1         | 66.5   | 0.0         | 3.2               | 0.0           | 2.2        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 07月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 16.4            | 18.5       | 14.7       | 18.6             | 19.3 | 19.7 | 19.5 | 16.6 | 14.4         | 98.9   | 18.5        | 4.3               | 0.0           | 2.8        | E          | 0.0               |
| 07   | 2     | 18.3            | 20.3       | 16.4       | 19.4             | 19.5 | 19.5 | 19.3 | 16.7 | 14.5         | 95.4   | 0.0         | 7.6               | 0.2           | 3.5        | ESE        | 0.0               |
| 07   | 3     | 17.5            | 19.1       | 15.9       | 18.7             | 19.2 | 19.5 | 19.2 | 16.7 | 14.5         | 98.7   | 23.5        | 3.6               | 0.0           | 2.6        | W          | 0.0               |
| 07   | 4     | 17.5            | 20.3       | 15.4       | 18.9             | 19.3 | 19.4 | 19.2 | 16.9 | 14.6         | 97.5   | 2.0         | 5.8               | 0.0           | 2.1        | W          | 0.0               |
| 07   | 5     | 16.6            | 19.4       | 14.8       | 18.5             | 19.0 | 19.2 | 19.2 | 17.0 | 14.7         | 96.2   | 2.0         | 7.4               | 0.0           | 1.8        | SE         | 0.0               |
| 07   | 6     | 15.9            | 17.2       | 14.7       | 17.9             | 18.6 | 19.0 | 19.1 | 17.0 | 14.8         | 99.2   | 9.0         | 3.5               | 0.0           | 0.6        | E          | 0.0               |
| 07   | 7     | 17.2            | 20.4       | 14.6       | 18.5             | 18.7 | 18.8 | 18.9 | 17.0 | 14.8         | 97.8   | 1.0         | 7.4               | 0.0           | 3.1        | SW         | 0.0               |
| 07   | 8     | 18.0            | 20.8       | 15.6       | 19.0             | 19.2 | 19.1 | 18.9 | 17.0 | 14.9         | 96.7   | 1.5         | 6.9               | 0.0           | 0.0        | N          | 0.0               |
| 07   | 9     | 17.1            | 18.2       | 16.6       | 18.6             | 19.1 | 19.2 | 19.0 | 17.0 | 15.0         | 99.9   | 9.0         | 2.9               | 0.0           | 0.0        | N          | 0.0               |
| 07   | 10    | 21.1            | 29.1       | 15.4       | 21.5             | 20.6 | 19.8 | 19.0 | 17.0 | 15.0         | 84.5   | 1.5         | 25.8              | 0.5           | 5.2        | ESE        | 0.0               |
| 07   | 11    | 22.5            | 31.0       | 15.1       | 22.6             | 22.0 | 21.0 | 19.3 | 17.0 | 15.1         | 76.4   | 0.0         | 27.4              | 0.5           | 4.8        | SSW        | 0.0               |
| 07   | 12    | 23.8            | 31.4       | 16.9       | 23.3             | 22.7 | 21.7 | 19.8 | 17.0 | 15.2         | 74.3   | 0.0         | 26.0              | 0.5           | 5.1        | S          | 0.0               |
| 07   | 13    | 25.4            | 33.3       | 18.9       | 24.1             | 23.5 | 22.4 | 20.2 | 17.1 | 15.2         | 72.2   | 0.0         | 21.5              | 0.7           | 7.7        | W          | 0.0               |
| 07   | 14    | 26.2            | 34.6       | 19.8       | 24.7             | 24.1 | 23.0 | 20.6 | 17.3 | 15.3         | 67.1   | 0.0         | 25.0              | 0.6           | 4.0        | W          | 0.0               |
| 07   | 15    | 24.4            | 32.4       | 19.7       | 24.4             | 24.2 | 23.3 | 21.0 | 17.4 | 15.4         | 75.4   | 0.0         | 21.4              | 0.7           | 7.8        | SW         | 0.0               |
| 07   | 16    | 20.3            | 21.8       | 19.0       | 21.4             | 22.2 | 22.3 | 21.6 | 17.6 | 15.4         | 98.5   | 96.0        | 3.8               | 0.0           | 2.5        | W          | 0.0               |
| 07   | 17    | 22.1            | 25.5       | 18.9       | 21.7             | 22.0 | 21.9 | 21.7 | 18.3 | 15.6         | 82.8   | 20.0        | 9.0               | 1.7           | 12.3       | WNW        | 0.0               |
| 07   | 18    | 21.5            | 24.2       | 18.2       | 20.8             | 21.5 | 21.7 | 21.6 | 18.5 | 15.8         | 85.7   | 1.0         | 3.0               | 1.2           | 10.5       | NW         | 0.0               |
| 07   | 19    | 23.8            | 32.1       | 17.4       | 22.8             | 22.2 | 21.8 | 21.4 | 18.6 | 15.9         | 82.1   | 0.5         | 20.8              | 0.5           | 4.4        | WNW        | 0.0               |
| 07   | 20    | 24.2            | 31.6       | 20.5       | 24.1             | 23.7 | 22.9 | 21.5 | 18.5 | 15.9         | 85.9   | 8.0         | 18.7              | 0.5           | 4.6        | S          | 0.0               |
| 07   | 21    | 24.7            | 31.7       | 18.8       | 24.9             | 24.3 | 23.4 | 21.9 | 18.6 | 16.0         | 82.0   | 0.0         | 24.0              | 0.5           | 5.7        | SSE        | 0.0               |
| 07   | 22    | 25.3            | 31.5       | 18.8       | 24.9             | 24.6 | 23.9 | 22.2 | 18.7 | 16.0         | 67.9   | 0.0         | 26.4              | 1.4           | 9.1        | W          | 0.0               |
| 07   | 23    | 23.4            | 27.1       | 20.7       | 24.0             | 24.2 | 23.8 | 22.5 | 18.7 | 16.1         | 89.9   | 7.5         | 11.0              | 0.2           | 3.7        | WNW        | 0.0               |
| 07   | 24    | 23.8            | 28.6       | 20.4       | 24.3             | 24.2 | 23.7 | 22.6 | 18.8 | 16.2         | 90.3   | 6.0         | 14.1              | 0.2           | 4.3        | W          | 0.0               |
| 07   | 25    | 24.5            | 32.9       | 18.0       | 24.7             | 24.5 | 23.9 | 22.8 | 19.0 | 16.2         | 83.7   | 0.0         | 20.5              | 0.3           | 3.5        | WSW        | 0.0               |
| 07   | 26    | 26.2            | 33.6       | 20.1       | 25.6             | 25.1 | 24.4 | 22.9 | 19.2 | 16.3         | 78.3   | 0.0         | 22.9              | 0.4           | 4.0        | SW         | 0.0               |
| 07   | 27    | 26.2            | 32.6       | 20.5       | 26.0             | 25.6 | 24.8 | 23.2 | 19.4 | 16.4         | 79.1   | 0.0         | 23.4              | 0.5           | 4.6        | S          | 0.0               |
| 07   | 28    | 24.7            | 30.5       | 21.6       | 25.7             | 25.6 | 25.0 | 23.5 | 19.5 | 16.5         | 86.4   | 1.5         | 14.8              | 0.3           | 4.9        | SSW        | 0.0               |
| 07   | 29    | 24.3            | 30.0       | 22.0       | 25.2             | 25.3 | 24.9 | 23.6 | 19.6 | 16.6         | 90.5   | 3.0         | 11.1              | 0.1           | 3.0        | ESE        | 0.0               |
| 07   | 30    | 24.1            | 28.9       | 20.9       | 24.8             | 25.0 | 24.6 | 23.7 | 19.6 | 16.6         | 90.9   | 14.5        | 13.4              | 0.2           | 3.4        | SW         | 0.0               |
| 07   | 31    | 25.4            | 32.0       | 19.4       | 25.4             | 25.2 | 24.7 | 23.7 | 19.8 | 16.7         | 82.5   | 0.0         | 22.5              | 0.4           | 4.6        | SW         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 226.0       |                   |               |            |            |                   |
| 平均   | Mean  | 22.0            | 27.1       | 18.1       | 22.4             | 22.4 | 22.0 | 21.0 | 18.0 | 15.5         | 86.7   | 7.3         | 14.7              | 0.4           | 4.4        |            | 0.0               |
| 最大   | Max.  | 26.2            | 34.6       | 22.0       | 26.0             | 25.6 | 25.0 | 23.7 | 19.8 | 16.7         | 99.9   | 96.0        | 27.4              | 1.7           | 12.3       |            | 0.0               |
| 最低   | Min.  | 15.9            | 17.2       | 14.6       | 17.9             | 18.6 | 18.8 | 18.9 | 16.6 | 14.4         | 67.1   | 0.0         | 2.9               | 0.0           | 0.0        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 08月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 24.3            | 33.2       | 18.0       | 25.6             | 25.5 | 25.0 | 23.9 | 19.9 | 16.8         | 86.2   | 6.0         | 19.3              | 0.5           | 8.2        | WSW        | 0.0               |
| 08   | 2     | 24.6            | 32.8       | 18.0       | 25.3             | 25.2 | 24.8 | 24.0 | 20.0 | 16.8         | 79.4   | 0.0         | 22.6              | 0.7           | 8.3        | SE         | 0.0               |
| 08   | 3     | 25.5            | 32.5       | 18.8       | 25.6             | 25.5 | 25.0 | 24.0 | 20.1 | 16.9         | 74.5   | 0.0         | 22.3              | 0.6           | 5.7        | S          | 0.0               |
| 08   | 4     | 25.0            | 32.2       | 20.6       | 25.3             | 25.4 | 25.1 | 24.2 | 20.3 | 17.1         | 79.8   | 0.0         | 17.1              | 0.6           | 5.5        | WSW        | 0.0               |
| 08   | 5     | 25.2            | 33.3       | 19.7       | 25.5             | 25.4 | 25.0 | 24.2 | 20.4 | 17.2         | 80.2   | 12.0        | 22.3              | 0.6           | 4.4        | S          | 0.0               |
| 08   | 6     | 23.9            | 32.5       | 18.9       | 25.1             | 25.3 | 24.9 | 24.3 | 20.5 | 17.2         | 85.8   | 1.0         | 18.7              | 0.8           | 8.1        | WSW        | 0.0               |
| 08   | 7     | 25.5            | 33.7       | 19.7       | 25.5             | 25.5 | 25.1 | 24.3 | 20.6 | 17.3         | 77.4   | 0.0         | 20.0              | 0.5           | 3.7        | WSW        | 0.0               |
| 08   | 8     | 24.4            | 29.2       | 20.7       | 25.4             | 25.5 | 25.2 | 24.4 | 20.8 | 17.5         | 81.3   | 0.0         | 18.3              | 0.6           | 5.5        | ESE        | 0.0               |
| 08   | 9     | 23.9            | 29.9       | 20.2       | 25.5             | 25.6 | 25.2 | 24.5 | 20.9 | 17.6         | 80.3   | 0.0         | 20.9              | 0.5           | 4.6        | SE         | 0.0               |
| 08   | 10    | 23.8            | 30.0       | 18.9       | 25.2             | 25.4 | 25.2 | 24.5 | 21.1 | 17.7         | 80.6   | 0.0         | 19.0              | 0.4           | 4.8        | SE         | 0.0               |
| 08   | 11    | 24.1            | 31.4       | 19.1       | 25.2             | 25.4 | 25.1 | 24.5 | 21.3 | 17.8         | 80.5   | 0.0         | 18.2              | 0.5           | 4.8        | S          | 0.0               |
| 08   | 12    | 23.4            | 29.4       | 19.4       | 24.9             | 25.3 | 25.1 | 24.5 | 21.4 | 17.8         | 87.5   | 0.0         | 13.1              | 0.3           | 4.7        | ESE        | 0.0               |
| 08   | 13    | 23.0            | 28.7       | 20.2       | 24.6             | 25.0 | 24.9 | 24.5 | 21.5 | 17.9         | 88.6   | 1.5         | 11.8              | 0.5           | 7.6        | SE         | 0.0               |
| 08   | 14    | 22.4            | 29.0       | 19.4       | 24.1             | 24.7 | 24.7 | 24.4 | 21.6 | 18.0         | 92.7   | 59.5        | 10.1              | 0.4           | 4.4        | ESE        | 0.0               |
| 08   | 15    | 22.9            | 29.2       | 18.1       | 23.7             | 23.8 | 23.8 | 24.3 | 21.6 | 18.1         | 87.9   | 1.0         | 21.2              | 0.3           | 4.0        | SE         | 0.0               |
| 08   | 16    | 22.3            | 26.4       | 19.5       | 23.7             | 24.2 | 24.2 | 24.2 | 21.7 | 18.2         | 91.2   | 0.0         | 10.1              | 0.3           | 3.8        | ESE        | 0.0               |
| 08   | 17    | 20.2            | 21.1       | 18.8       | 22.3             | 23.3 | 23.8 | 24.1 | 21.6 | 18.2         | 99.8   | 32.0        | 2.2               | 0.0           | 4.6        | E          | 0.0               |
| 08   | 18    | 23.9            | 29.8       | 19.4       | 23.8             | 23.7 | 23.6 | 24.0 | 21.8 | 18.4         | 88.5   | 0.0         | 18.2              | 0.4           | 4.0        | ESE        | 0.0               |
| 08   | 19    | 23.2            | 29.3       | 19.4       | 23.9             | 23.9 | 24.0 | 23.9 | 21.5 | 18.4         | 84.4   | 0.0         | 16.7              | 0.4           | 4.6        | SE         | 0.0               |
| 08   | 20    | 21.1            | 23.4       | 19.3       | 23.4             | 23.3 | 24.0 | 24.0 | 21.2 | 18.4         | 96.2   | 9.5         | 4.7               | 0.2           | 3.9        | ESE        | 0.0               |
| 08   | 21    | 20.8            | 23.1       | 18.8       | 23.1             | 23.1 | 23.8 | 24.1 | 21.3 | 18.5         | 96.1   | 0.5         | 4.5               | 0.1           | 2.5        | SE         | 0.0               |
| 08   | 22    | 23.7            | 30.1       | 19.0       | 23.9             | 23.6 | 23.9 | 24.1 | 21.3 | 18.6         | 88.6   | 0.5         | 18.6              | 0.3           | 5.0        | SE         | 0.0               |
| 08   | 23    | 20.9            | 23.2       | 18.4       | 23.7             | 23.7 | 24.2 | 24.1 | 21.3 | 18.7         | 97.1   | 7.5         | 5.0               | 0.2           | 4.0        | E          | 0.0               |
| 08   | 24    | 19.5            | 25.4       | 16.6       | 23.2             | 23.2 | 24.0 | 24.2 | 21.4 | 18.8         | 92.5   | 3.0         | 14.3              | 0.4           | 3.6        | ESE        | 0.0               |
| 08   | 25    | 15.1            | 16.8       | 13.5       | 22.1             | 22.6 | 23.7 | 24.2 | 21.5 | 18.9         | 99.8   | 6.0         | 2.8               | 0.0           | 3.8        | E          | 0.0               |
| 08   | 26    | 15.6            | 17.7       | 13.2       | 20.7             | 21.1 | 22.7 | 24.0 | 21.5 | 18.9         | 98.7   | 19.5        | 5.0               | 0.0           | 0.0        | N          | 0.0               |
| 08   | 27    | 19.2            | 22.5       | 16.2       | 21.6             | 21.5 | 22.6 | 23.7 | 21.6 | 19.0         | 95.6   | 4.0         | 7.4               | 0.1           | 3.2        | E          | 0.0               |
| 08   | 28    | 17.9            | 20.3       | 16.5       | 21.7             | 21.7 | 22.7 | 23.5 | 21.5 | 19.1         | 98.2   | 2.0         | 4.5               | 0.2           | 3.2        | ESE        | 0.0               |
| 08   | 29    | 16.9            | 18.6       | 15.7       | 21.4             | 21.5 | 22.6 | 23.4 | 21.5 | 19.2         | 99.1   | 1.0         | 3.5               | 0.0           | 0.0        | N          | 0.0               |
| 08   | 30    | 17.1            | 18.4       | 16.3       | 21.2             | 21.3 | 22.4 | 23.3 | 21.4 | 19.3         | 99.8   | 9.5         | 3.4               | 0.0           | 0.0        | N          | 0.0               |
| 08   | 31    | 18.4            | 20.4       | 16.7       | 21.3             | 21.2 | 22.2 | 23.1 | 21.4 | 19.3         | 98.2   | 4.0         | 4.6               | 0.0           | 0.0        | N          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 180.0       |                   |               |            |            |                   |
| 平均   | Mean  | 21.9            | 26.9       | 18.3       | 23.8             | 23.9 | 24.1 | 24.1 | 21.1 | 18.1         | 89.2   | 5.8         | 12.9              | 0.3           | 4.2        |            | 0.0               |
| 最大   | Max.  | 25.5            | 33.7       | 20.7       | 25.6             | 25.6 | 25.2 | 24.5 | 21.8 | 19.3         | 99.8   | 59.5        | 22.6              | 0.8           | 8.3        |            | 0.0               |
| 最低   | Min.  | 15.1            | 16.8       | 13.2       | 20.7             | 21.1 | 22.2 | 23.1 | 19.9 | 16.8         | 74.5   | 0.0         | 2.2               | 0.0           | 0.0        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)



2015年 09月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 19.1            | 24.2       | 17.5       | 21.6             | 21.5 | 22.2 | 23.0 | 21.3 | 19.4         | 98.1   | 9.0         | 8.6               | 0.2           | 4.5        | ESE        | 0.0               |
| 09   | 2     | 21.7            | 29.1       | 18.4       | 22.4             | 22.0 | 22.4 | 22.9 | 21.2 | 19.4         | 92.3   | 0.0         | 14.2              | 0.2           | 3.3        | WSW        | 0.0               |
| 09   | 3     | 19.6            | 22.5       | 17.3       | 22.2             | 22.1 | 22.7 | 23.0 | 21.1 | 19.4         | 95.1   | 1.0         | 4.0               | 0.2           | 2.9        | ESE        | 0.0               |
| 09   | 4     | 20.3            | 26.9       | 15.7       | 22.1             | 22.0 | 22.6 | 23.0 | 21.1 | 19.5         | 88.3   | 0.0         | 16.1              | 0.3           | 4.9        | ESE        | 0.0               |
| 09   | 5     | 19.9            | 25.8       | 15.3       | 22.0             | 22.0 | 22.6 | 23.0 | 21.1 | 19.5         | 86.9   | 0.0         | 14.1              | 0.5           | 4.7        | ESE        | 0.0               |
| 09   | 6     | 17.6            | 19.2       | 16.0       | 21.6             | 21.7 | 22.5 | 23.0 | 21.1 | 19.5         | 95.7   | 8.0         | 3.5               | 0.2           | 4.1        | ESE        | 0.0               |
| 09   | 7     | 18.2            | 21.4       | 16.5       | 21.2             | 21.2 | 22.1 | 22.9 | 21.0 | 19.5         | 98.6   | 1.0         | 4.1               | 0.2           | 3.4        | E          | 0.0               |
| 09   | 8     | 16.8            | 18.2       | 15.6       | 20.7             | 20.8 | 21.8 | 22.7 | 20.9 | 19.5         | 99.6   | 35.5        | 3.5               | 0.0           | 3.9        | ESE        | 0.0               |
| 09   | 9     | 17.3            | 21.6       | 15.4       | 18.7             | 18.9 | 20.3 | 22.3 | 21.0 | 19.7         | 98.9   | 136.0       | 5.5               | 0.1           | 7.2        | NW         | 0.0               |
| 09   | 10    | 18.8            | 22.2       | 16.7       | 19.3             | 19.1 | 19.7 | 21.4 | 21.2 | 20.1         | 96.7   | 1.5         | 7.4               | 0.2           | 3.4        | ESE        | 0.0               |
| 09   | 11    | 18.5            | 24.6       | 14.6       | 19.8             | 19.6 | 20.1 | 21.3 | 21.0 | 20.1         | 92.0   | 0.0         | 12.2              | 0.1           | 3.8        | ESE        | 0.0               |
| 09   | 12    | 19.3            | 25.8       | 14.0       | 20.4             | 20.1 | 20.4 | 21.3 | 20.8 | 20.0         | 88.7   | 0.0         | 19.6              | 0.5           | 5.2        | SE         | 0.0               |
| 09   | 13    | 18.2            | 23.7       | 14.3       | 20.4             | 20.4 | 20.8 | 21.4 | 20.7 | 20.0         | 89.5   | 0.0         | 9.8               | 0.3           | 4.6        | WSW        | 0.0               |
| 09   | 14    | 17.0            | 21.4       | 14.1       | 20.0             | 20.1 | 20.8 | 21.5 | 20.6 | 19.9         | 90.1   | 0.5         | 6.4               | 0.3           | 5.2        | ESE        | 0.0               |
| 09   | 15    | 16.0            | 22.8       | 12.6       |                  |      | 21.5 | 20.4 | 19.9 | 19.9         | 90.8   | 0.0         | 9.6               | 0.2           | 3.4        | SSE        | 0.0               |
| 09   | 16    | 15.8            | 19.4       | 13.7       |                  |      |      |      |      |              |        | 0.5         |                   |               |            |            | 0.0               |
| 09   | 17    | 14.7            | 15.2       | 13.7       |                  |      |      |      |      |              |        | 35.0        |                   |               |            |            | 0.0               |
| 09   | 18    | 16.4            | 19.4       | 14.5       |                  |      |      |      |      |              |        | 10.5        |                   |               |            |            | 0.0               |
| 09   | 19    | 17.8            | 22.1       | 13.7       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 20    | 17.6            | 23.6       | 14.1       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 21    | 17.3            | 23.2       | 13.7       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 22    | 18.3            | 24.8       | 13.7       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 23    | 17.2            | 22.9       | 13.3       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 24    | 13.7            | 16.0       | 10.6       |                  |      |      |      |      |              |        | 5.0         |                   |               |            |            | 0.0               |
| 09   | 25    | 14.2            | 15.2       | 13.3       |                  |      |      |      |      |              |        | 25.0        |                   |               |            |            | 0.0               |
| 09   | 26    | 16.5            | 19.4       | 13.7       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 27    | 17.3            | 20.2       | 15.2       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 28    | 18.4            | 24.4       | 13.3       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 29    | 16.5            | 21.7       | 11.4       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 30    | 13.5            | 21.3       | 7.4        |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 268.5       |                   |               |            |            |                   |
| 平均   | Mean  | 17.4            | 21.9       | 14.3       |                  |      |      |      |      |              |        | 9.0         |                   |               |            |            | 0.0               |
| 最大   | Max.  | 21.7            | 29.1       | 18.4       |                  |      |      |      |      |              |        | 136.0       |                   |               |            |            | 0.0               |
| 最低   | Min.  | 13.5            | 15.2       | 7.4        |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 16~30・降水量 (Precipitation): 16~30

2015年 10月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 12.8            | 19.0       | 8.6        |                  |      |      |      |      |              |        | 1.0         |                   |               |            |            | 0.0               |
| 10   | 2     | 18.6            | 24.0       | 14.5       |                  |      |      |      |      |              |        | 16.5        |                   |               |            |            | 0.0               |
| 10   | 3     | 16.3            | 22.9       | 11.4       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 10   | 4     | 15.1            | 22.9       | 8.6        |                  |      |      |      |      |              |        | 0.5         |                   |               |            |            | 0.0               |
| 10   | 5     | 11.0            | 12.2       | 9.4        |                  |      |      |      |      |              |        | 2.0         |                   |               |            |            | 0.0               |
| 10   | 6     | 12.8            | 18.4       | 9.1        | 17.5             | 17.6 | 18.2 | 19.6 | 19.2 | 19.0         | 83.3   | 0.0         | 8.7               | 0.6           | 6.1        | SE         | 0.0               |
| 10   | 7     | 13.0            | 21.4       | 6.8        | 16.5             | 17.1 | 18.0 | 19.5 | 19.2 | 19.1         | 69.3   | 0.0         | 18.3              | 0.6           | 4.8        | WSW        | 0.0               |
| 10   | 8     | 13.4            | 20.4       | 7.6        | 15.7             | 16.5 | 17.6 | 19.4 | 19.2 | 19.0         | 55.4   | 0.0         | 17.8              | 1.3           | 8.6        | W          | 0.0               |
| 10   | 9     | 13.4            | 22.5       | 6.6        | 15.6             | 16.2 | 17.2 | 19.1 | 19.1 | 19.0         | 67.0   | 0.0         | 16.1              | 0.9           | 4.6        | W          | 0.0               |
| 10   | 10    | 12.5            | 17.6       | 9.3        | 15.3             | 16.0 | 17.1 | 18.9 | 19.0 | 19.0         | 79.7   | 0.0         | 6.2               | 0.4           | 3.4        | WNW        | 0.0               |
| 10   | 11    | 13.3            | 19.1       | 10.1       | 15.9             | 16.2 | 17.0 | 18.7 | 18.9 | 18.9         | 93.1   | 4.0         | 8.3               | 0.4           | 3.1        | WSW        | 0.0               |
| 10   | 12    | 12.8            | 20.4       | 7.2        | 15.6             | 16.1 | 16.9 | 18.6 | 18.8 | 18.9         | 80.0   | 0.0         | 16.0              | 0.8           | 4.5        | WSW        | 0.0               |
| 10   | 13    | 12.9            | 21.3       | 7.2        | 15.4             | 15.9 | 16.8 | 18.5 | 18.7 | 18.9         | 75.4   | 0.0         | 15.6              | 0.7           | 5.6        | SW         | 0.0               |
| 10   | 14    | 11.5            | 19.6       | 6.4        | 15.0             | 15.7 | 16.6 | 18.4 | 18.6 | 18.8         | 78.9   | 0.0         | 12.0              | 0.7           | 4.0        | W          | 0.0               |
| 10   | 15    | 12.0            | 20.0       | 6.1        | 14.8             | 15.4 | 16.3 | 18.2 | 18.5 | 18.8         | 80.0   | 0.0         | 14.7              | 0.6           | 3.8        | WSW        | 0.0               |
| 10   | 16    | 11.5            | 14.6       | 8.0        | 14.8             | 15.3 | 16.2 | 18.0 | 18.4 | 18.7         | 93.6   | 0.0         | 3.8               | 0.2           | 3.4        | W          | 0.0               |
| 10   | 17    | 13.4            | 18.4       | 11.5       | 15.6             | 15.7 | 16.3 | 17.9 | 18.3 | 18.7         | 96.6   | 1.5         | 6.2               | 0.3           | 4.1        | S          | 0.0               |
| 10   | 18    | 15.1            | 23.5       | 9.3        | 15.9             | 16.0 | 16.5 | 17.9 | 18.2 | 18.7         | 83.2   | 0.0         | 16.0              | 0.6           | 4.9        | SW         | 0.0               |
| 10   | 19    | 13.9            | 21.6       | 8.5        | 15.6             | 16.0 | 16.6 | 17.9 | 18.1 | 18.6         | 73.2   | 0.0         | 15.8              | 0.6           | 4.3        | SW         | 0.0               |
| 10   | 20    | 13.5            | 22.4       | 7.8        | 15.2             | 15.6 | 16.4 | 17.8 | 18.0 | 18.6         | 80.0   | 0.0         | 13.5              | 0.4           | 4.0        | WSW        | 0.0               |
| 10   | 21    | 12.4            | 19.2       | 9.6        | 15.2             | 15.6 | 16.3 | 17.7 | 18.0 | 18.5         | 89.3   | 0.0         | 9.1               | 0.5           | 5.5        | SE         | 0.0               |
| 10   | 22    | 13.5            | 21.4       | 6.6        | 15.3             | 15.6 | 16.3 | 17.7 | 17.9 | 18.5         | 81.5   | 0.0         | 13.8              | 0.7           | 5.4        | SE         | 0.0               |
| 10   | 23    | 11.0            | 12.3       | 10.0       | 15.4             | 15.7 | 16.4 | 17.6 | 17.8 | 18.4         | 97.9   | 0.0         | 1.9               | 0.1           | 2.7        | ESE        | 0.0               |
| 10   | 24    | 13.3            | 21.6       | 7.4        | 15.2             | 15.5 | 16.2 | 17.6 | 17.8 | 18.4         | 82.4   | 0.0         | 14.2              | 0.6           | 4.9        | WSW        | 0.0               |
| 10   | 25    | 10.9            | 18.5       | 3.1        | 14.0             | 15.0 | 16.0 | 17.5 | 17.7 | 18.4         | 48.0   | 0.0         | 16.0              | 1.2           | 9.4        | WNW        | 0.0               |
| 10   | 26    | 9.0             | 18.5       | 1.9        | 12.4             | 13.6 | 15.0 | 17.3 | 17.7 | 18.3         | 58.1   | 0.0         | 15.3              | 0.7           | 5.1        | WSW        | 0.0               |
| 10   | 27    | 13.7            | 21.6       | 5.8        | 13.1             | 13.7 | 14.8 | 16.9 | 17.6 | 18.3         | 62.2   | 0.0         | 11.5              | 1.4           | 11.5       | WNW        | 0.0               |
| 10   | 28    | 15.4            | 24.1       | 11.0       | 14.5             | 14.6 | 15.1 | 16.7 | 17.5 | 18.2         | 70.8   | 0.0         | 10.7              | 0.7           | 4.6        | ESE        | 0.0               |
| 10   | 29    | 11.7            | 15.8       | 9.8        | 14.5             | 14.9 | 15.5 | 16.7 | 17.4 | 18.2         | 88.4   | 0.0         | 4.0               | 0.4           | 3.6        | ESE        | 0.0               |
| 10   | 30    | 11.1            | 17.9       | 6.5        | 14.0             | 14.5 | 15.3 | 16.7 | 17.3 | 18.1         | 81.0   | 0.0         | 10.6              | 0.6           | 5.4        | WNW        | 0.0               |
| 10   | 31    | 7.7             | 11.9       | 4.5        | 12.6             | 13.6 | 14.8 | 16.6 | 17.3 | 18.1         | 80.2   | 0.0         | 6.3               | 0.5           | 4.4        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 25.5        |                   |               |            |            |                   |
| 平均   | Mean  | 12.9            | 19.5       | 8.1        | 15.0             | 15.5 | 16.4 | 18.0 | 18.2 | 18.6         | 78.0   | 0.8         | 11.6              | 0.6           | 5.1        |            | 0.0               |
| 最大   | Max.  | 18.6            | 24.1       | 14.5       |                  |      |      |      |      |              |        | 16.5        |                   |               |            |            | 0.0               |
| 最低   | Min.  | 7.7             | 11.9       | 1.9        |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 1~5・降水量 (Precipitation): 1~5

2015年 11月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 8.0             | 14.6       | 2.4        | 12.2             | 13.1 | 14.3 | 16.4 | 17.2 | 18.1         | 75.6   | 0.0         | 12.2              | 0.6           | 4.7        | S          | 0.0               |
| 11   | 2     | 8.5             | 11.5       | 6.1        | 11.8             | 12.5 | 13.8 | 16.1 | 17.0 | 17.9         | 97.4   | 18.5        | 1.9               | 0.2           | 3.7        | W          | 0.0               |
| 11   | 3     | 10.3            | 18.9       | 4.9        | 12.2             | 12.6 | 13.6 | 15.8 | 16.8 | 17.9         | 80.4   | 0.5         | 13.1              | 0.4           | 4.2        | WSW        | 0.0               |
| 11   | 4     | 9.0             | 18.0       | 3.2        | 11.5             | 12.2 | 13.4 | 15.6 | 16.7 | 17.9         | 74.9   | 0.0         | 14.0              | 0.6           | 4.3        | SW         | 0.0               |
| 11   | 5     | 10.2            | 19.5       | 3.8        | 11.5             | 12.1 | 13.2 | 15.4 | 16.6 | 17.8         | 71.3   | 0.0         | 13.9              | 0.6           | 3.7        | SW         | 0.0               |
| 11   | 6     | 11.9            | 21.7       | 5.2        | 11.9             | 12.3 | 13.2 | 15.3 | 16.5 | 17.8         | 67.4   | 0.0         | 13.2              | 0.7           | 4.3        | WSW        | 0.0               |
| 11   | 7     | 11.1            | 16.5       | 7.6        | 12.2             | 12.6 | 13.3 | 15.2 | 16.4 | 17.7         | 86.4   | 0.0         | 5.5               | 0.4           | 4.0        | ESE        | 0.0               |
| 11   | 8     | 10.3            | 10.9       | 9.7        | 12.7             | 12.9 | 13.5 | 15.1 | 16.2 | 17.6         | 99.7   | 2.5         | 1.2               | 0.1           | 2.8        | ESE        | 0.0               |
| 11   | 9     | 14.8            | 19.9       | 9.7        | 13.4             | 13.3 | 13.7 | 15.1 | 16.1 | 17.6         | 92.5   | 0.0         | 4.4               | 0.2           | 7.0        | WNW        | 0.0               |
| 11   | 10    | 11.8            | 13.8       | 7.2        | 13.5             | 13.6 | 14.1 | 15.2 | 15.9 | 17.5         | 99.4   | 19.0        | 1.4               | 0.0           | 3.6        | E          | 0.0               |
| 11   | 11    | 8.4             | 11.5       | 5.1        | 12.7             | 13.0 | 13.8 | 15.2 | 15.8 | 17.4         | 90.0   | 0.0         | 6.5               | 0.2           | 4.4        | ESE        | 0.0               |
| 11   | 12    | 7.1             | 8.1        | 5.8        | 12.2             | 12.6 | 13.5 | 15.1 | 15.8 | 17.4         | 94.4   | 0.0         | 1.8               | 0.3           | 3.4        | ESE        | 0.0               |
| 11   | 13    | 7.7             | 13.7       | 5.1        | 11.9             | 12.2 | 13.1 | 15.0 | 15.8 | 17.3         | 88.5   | 0.0         | 7.1               | 0.3           | 5.3        | SE         | 0.0               |
| 11   | 14    | 8.2             | 9.8        | 6.7        | 11.8             | 12.1 | 13.0 | 14.8 | 15.7 | 17.3         | 99.9   | 7.5         | 1.5               | 0.0           | 2.3        | E          | 0.0               |
| 11   | 15    | 12.9            | 19.6       | 8.2        |                  |      |      |      |      |              | 91.2   | 0.0         | 2.2               | 0.4           | 3.7        | WNW        | 0.0               |
| 11   | 16    | 11.4            | 19.0       | 5.7        | 12.3             | 12.4 | 13.1 | 14.6 | 15.5 | 17.2         | 83.4   | 0.0         | 11.0              | 0.6           | 5.1        | SSE        | 0.0               |
| 11   | 17    | 11.9            | 17.5       | 8.3        | 12.5             | 12.6 | 13.2 | 14.6 | 15.4 | 17.1         | 91.8   | 6.0         | 4.0               | 0.2           | 3.4        | WNW        | 0.0               |
| 11   | 18    | 12.4            | 16.6       | 10.0       | 12.8             | 12.7 | 13.3 | 14.5 | 15.2 | 17.0         | 97.0   | 26.5        | 4.0               | 0.1           | 3.9        | E          | 0.0               |
| 11   | 19    | 10.7            | 16.8       | 8.7        | 13.1             | 12.9 | 13.4 | 14.5 | 15.1 | 17.0         | 95.2   | 3.5         | 8.1               | 0.2           | 5.4        | ESE        | 0.0               |
| 11   | 20    | 8.8             | 10.7       | 6.8        | 12.7             | 12.9 | 13.5 | 14.5 | 15.0 | 16.9         | 97.4   | 0.5         | 2.9               | 0.0           | 2.5        | ESE        | 0.0               |
| 11   | 21    | 9.8             | 17.9       | 5.1        | 12.1             | 12.3 | 13.1 | 14.5 | 15.0 | 16.8         | 83.4   | 0.0         | 10.1              | 0.4           | 3.7        | SSE        | 0.0               |
| 11   | 22    | 7.1             | 8.2        | 6.6        | 11.6             | 12.0 | 12.9 | 14.4 | 14.9 | 16.7         | 97.6   | 0.0         | 1.0               | 0.1           | 2.8        | ESE        | 0.0               |
| 11   | 23    | 7.8             | 9.9        | 6.3        | 11.4             | 11.7 | 12.5 | 14.3 | 14.9 | 16.7         | 97.0   | 0.0         | 2.1               | 0.0           | 2.0        | SSW        | 0.0               |
| 11   | 24    | 10.6            | 20.6       | 4.5        | 11.9             | 11.9 | 12.5 | 14.1 | 14.8 | 16.6         | 83.4   | 0.0         | 7.7               | 0.5           | 6.1        | SSE        | 0.0               |
| 11   | 25    | 3.8             | 5.0        | 1.6        | 10.5             | 11.2 | 12.3 | 14.0 | 14.8 | 16.6         | 92.6   | 4.5         | 0.5               | 0.2           | 3.0        | ESE        | 0.0               |
| 11   | 26    | 4.1             | 7.4        | 0.5        | 9.1              | 9.7  | 11.2 | 13.7 | 14.7 | 16.5         | 98.9   | 14.0        | 3.0               | 0.0           | 2.9        | ESE        | 0.0               |
| 11   | 27    | 3.6             | 9.1        | -1.1       | 8.4              | 9.3  | 10.7 | 13.3 | 14.6 | 16.5         | 63.3   | 0.0         | 11.2              | 1.9           | 12.4       | WNW        | 0.0               |
| 11   | 28    | 4.5             | 13.7       | -0.7       | 7.9              | 8.6  | 10.1 | 12.9 | 14.5 | 16.4         | 67.2   | 0.0         | 10.4              | 0.7           | 4.8        | W          | 0.0               |
| 11   | 29    | 4.5             | 12.7       | 0.2        | 7.9              | 8.5  | 9.8  | 12.6 | 14.3 | 16.4         | 73.4   | 0.0         | 9.7               | 0.6           | 5.2        | S          | 0.0               |
| 11   | 30    | 4.3             | 11.7       | 0.9        | 8.1              | 8.6  | 9.7  | 12.3 | 14.2 | 16.3         | 84.3   | 0.0         | 9.0               | 0.6           | 4.6        | SSW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 103.0       |                   |               |            |            |                   |
| 平均   | Mean  | 8.8             | 14.2       | 5.1        |                  |      |      |      |      |              | 87.2   | 3.4         | 6.5               | 0.4           | 4.3        |            | 0.0               |
| 最大   | Max.  | 14.8            | 21.7       | 10.0       |                  |      |      |      |      |              | 99.9   | 26.5        | 14.0              | 1.9           | 12.4       |            | 0.0               |
| 最低   | Min.  | 3.6             | 5.0        | -1.1       |                  |      |      |      |      |              | 63.3   | 0.0         | 0.5               | 0.0           | 2.0        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2015年 12月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 5.4             | 15.0       | 1.1        | 7.9              | 8.4 | 9.5 | 12.1 | 14.0 | 16.3         | 73.9   | 0.0         | 10.2              | 0.8           | 5.3        | W          | 0.0               |
| 12   | 2     | 4.3             | 10.6       | -0.7       | 7.7              | 8.2 | 9.3 | 11.9 | 13.8 | 16.2         | 86.7   | 0.0         | 9.8               | 0.9           | 6.7        | SE         | 0.0               |
| 12   | 3     | 7.8             | 16.0       | 4.5        | 8.7              | 8.8 | 9.5 | 11.7 | 13.6 | 16.1         | 83.2   | 1.5         | 6.2               | 0.6           | 8.7        | NW         | 0.0               |
| 12   | 4     | 5.3             | 9.7        | 2.3        | 7.3              | 8.2 | 9.4 | 11.6 | 13.5 | 16.1         | 41.7   | 0.0         | 9.3               | 2.3           | 11.8       | WNW        | 0.0               |
| 12   | 5     | 6.2             | 14.8       | 1.2        | 7.1              | 7.6 | 8.9 | 11.4 | 13.4 | 16.0         | 52.8   | 0.0         | 10.4              | 1.1           | 5.2        | NW         | 0.0               |
| 12   | 6     | 4.0             | 11.4       | 0.4        | 6.9              | 7.5 | 8.7 | 11.2 | 13.2 | 15.9         | 71.1   | 0.0         | 6.5               | 0.6           | 3.5        | W          | 0.0               |
| 12   | 7     | 4.4             | 12.4       | 0.0        | 7.1              | 7.6 | 8.6 | 11.0 | 13.1 | 15.9         | 77.7   | 0.0         | 10.1              | 0.5           | 4.0        | SSW        | 0.0               |
| 12   | 8     | 3.0             | 11.6       | -1.3       | 6.6              | 7.2 | 8.4 | 10.8 | 12.9 | 15.8         | 80.6   | 0.0         | 9.8               | 0.6           | 4.0        | SW         | 0.0               |
| 12   | 9     | 3.1             | 12.5       | -2.1       | 6.0              | 6.7 | 8.0 | 10.7 | 12.8 | 15.7         | 68.4   | 0.0         | 10.2              | 0.6           | 3.3        | WSW        | 0.0               |
| 12   | 10    | 5.5             | 11.7       | -0.9       | 6.1              | 6.6 | 7.7 | 10.4 | 12.7 | 15.6         | 70.3   | 0.0         | 3.8               | 0.7           | 7.3        | NW         | 0.0               |
| 12   | 11    | 9.7             | 20.5       | 4.9        | 7.6              | 7.5 | 8.0 | 10.2 | 12.4 | 15.5         | 85.3   | 22.5        | 4.5               | 1.7           | 18.4       | WNW        | 0.0               |
| 12   | 12    | 6.4             | 13.5       | 2.3        | 7.8              | 7.9 | 8.5 | 10.2 | 12.3 | 15.4         | 76.6   | 0.0         | 8.5               | 0.5           | 3.7        | SSW        | 0.0               |
| 12   | 13    | 5.8             | 8.5        | 3.4        | 7.7              | 7.8 | 8.5 | 10.2 | 12.1 | 15.4         | 96.6   | 1.5         | 3.0               | 0.0           | 1.9        | W          | 0.0               |
| 12   | 14    | 5.9             | 6.6        | 5.0        | 8.1              | 8.1 | 8.7 | 10.2 | 12.0 | 15.3         | 99.8   | 4.0         | 1.0               | 0.0           | 2.9        | ESE        | 0.0               |
| 12   | 15    | 7.3             | 13.6       | 4.2        | 8.8              | 8.6 | 8.9 | 10.3 | 11.9 | 15.2         | 93.3   | 0.5         | 10.5              | 0.2           | 3.0        | S          | 0.0               |
| 12   | 16    | 8.3             | 14.2       | 4.9        | 8.9              | 8.9 | 9.2 | 10.4 | 11.8 | 15.1         | 92.0   | 0.0         | 5.1               | 0.2           | 4.3        | SE         | 0.0               |
| 12   | 17    | 3.5             | 9.9        | -1.3       | 8.0              | 8.4 | 9.1 | 10.5 | 11.8 | 15.0         | 79.2   | 0.0         | 5.8               | 0.4           | 6.3        | SE         | 0.0               |
| 12   | 18    | 1.1             | 10.0       | -3.3       | 6.2              | 7.1 | 8.3 | 10.4 | 11.7 | 14.9         | 68.1   | 0.0         | 10.1              | 0.4           | 3.4        | S          | 0.0               |
| 12   | 19    | 1.2             | 9.0        | -3.2       | 5.4              | 6.2 | 7.6 | 10.1 | 11.7 | 14.8         | 67.3   | 0.0         | 8.8               | 0.6           | 5.8        | W          | 0.0               |
| 12   | 20    | 1.2             | 10.4       | -4.2       | 4.6              | 5.5 | 6.9 | 9.8  | 11.7 | 14.8         | 64.8   | 0.0         | 10.0              | 0.4           | 4.3        | S          | 0.0               |
| 12   | 21    | 4.3             | 11.6       | -0.8       | 5.3              | 5.7 | 6.8 | 9.5  | 11.5 | 14.7         | 73.2   | 0.0         | 5.2               | 0.4           | 4.5        | NW         | 0.0               |
| 12   | 22    | 4.4             | 13.0       | -1.0       | 5.5              | 5.9 | 6.8 | 9.2  | 11.4 | 14.6         | 69.6   | 0.0         | 9.8               | 0.7           | 6.3        | SW         | 0.0               |
| 12   | 23    | 0.8             | 3.4        | -2.0       | 4.7              | 5.4 | 6.6 | 9.1  | 11.3 | 14.5         | 90.6   | 3.0         | 2.8               | 0.2           | 4.0        | ESE        | 0.0               |
| 12   | 24    | 6.7             | 14.9       | 1.1        | 6.0              | 5.9 | 6.6 | 8.9  | 11.1 | 14.4         | 89.6   | 0.0         | 7.8               | 0.0           | 2.5        | WSW        | 0.0               |
| 12   | 25    | 5.5             | 12.4       | -1.2       | 7.0              | 6.9 | 7.3 | 8.9  | 11.0 | 14.3         | 83.0   | 0.0         | 6.8               | 0.5           | 5.8        | SE         | 0.0               |
| 12   | 26    | 2.6             | 10.8       | -2.7       | 5.5              | 6.0 | 7.0 | 9.0  | 10.9 | 14.3         | 68.9   | 0.0         | 9.5               | 0.8           | 10.2       | S          | 0.0               |
| 12   | 27    | 2.4             | 9.0        | -4.1       | 5.2              | 5.7 | 6.7 | 8.9  | 10.8 | 14.2         | 62.6   | 0.0         | 9.4               | 1.0           | 7.0        | E          | 0.0               |
| 12   | 28    | -0.6            | 7.9        | -5.4       | 3.9              | 4.8 | 6.2 | 8.7  | 10.7 | 14.1         | 62.5   | 0.0         | 10.0              | 0.7           | 3.6        | SW         | 0.0               |
| 12   | 29    | 0.8             | 9.3        | -3.2       | 3.8              | 4.5 | 5.7 | 8.4  | 10.6 | 14.1         | 59.2   | 0.0         | 10.4              | 0.8           | 6.7        | WSW        | 0.0               |
| 12   | 30    | 0.6             | 9.7        | -4.3       | 3.3              | 4.1 | 5.4 | 8.2  | 10.5 | 14.0         | 59.7   | 0.0         | 10.1              | 0.7           | 3.9        | WSW        | 0.0               |
| 12   | 31    | 0.8             | 8.8        | -4.1       | 3.5              | 4.1 | 5.2 | 7.9  | 10.4 | 13.9         | 74.6   | 0.0         | 10.0              | 0.6           | 5.1        | SSW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 33.0        |                   |               |            |            |                   |
| 平均   | Mean  | 4.1             | 11.4       | -0.3       | 6.4              | 6.8 | 7.8 | 10.1 | 12.0 | 15.1         | 74.9   | 1.1         | 7.9               | 0.6           | 5.6        |            | 0.0               |
| 最大   | Max.  | 9.7             | 20.5       | 5.0        | 8.9              | 8.9 | 9.5 | 12.1 | 14.0 | 16.3         | 99.8   | 22.5        | 10.5              | 2.3           | 18.4       |            | 0.0               |
| 最低   | Min.  | -0.6            | 3.4        | -5.4       | 3.3              | 4.1 | 5.2 | 7.9  | 10.4 | 13.9         | 41.7   | 0.0         | 1.0               | 0.0           | 1.9        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardware)

2016年 01月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 1.8             | 10.5       | -2.4       | 3.5              | 4.1 | 5.2 | 7.7 | 10.3 | 13.9         | 55.1   | 0.0         | 10.3              | 0.7           | 4.6        | W          | 0.0               |
| 01   | 2     | 3.0             | 13.2       | -2.9       | 3.4              | 3.9 | 5.0 | 7.6 | 10.1 | 13.8         | 53.0   | 0.0         | 10.1              | 0.7           | 3.5        | W          | 0.0               |
| 01   | 3     | 6.4             | 16.3       | 1.2        | 4.3              | 4.4 | 5.2 | 7.4 | 10.0 | 13.7         | 53.2   | 0.0         | 10.1              | 0.9           | 4.4        | WNW        | 0.0               |
| 01   | 4     | 6.3             | 15.1       | 1.2        | 4.7              | 4.8 | 5.4 | 7.4 | 9.8  | 13.6         | 54.6   | 0.0         | 10.2              | 0.9           | 5.0        | NNW        | 0.0               |
| 01   | 5     | 4.8             | 13.3       | 0.1        | 4.5              | 4.8 | 5.5 | 7.4 | 9.7  | 13.5         | 64.2   | 0.0         | 7.1               | 0.7           | 5.9        | WNW        | 0.0               |
| 01   | 6     | 2.7             | 9.1        | 0.1        | 4.4              | 4.7 | 5.5 | 7.4 | 9.6  | 13.4         | 80.2   | 0.0         | 5.9               | 0.4           | 4.6        | SE         | 0.0               |
| 01   | 7     | 2.1             | 11.2       | -2.3       | 4.2              | 4.7 | 5.4 | 7.4 | 9.5  | 13.4         | 74.5   | 0.0         | 7.5               | 0.7           | 5.3        | SE         | 0.0               |
| 01   | 8     | 1.2             | 9.7        | -3.4       | 3.5              | 4.1 | 5.1 | 7.3 | 9.5  | 13.3         | 67.8   | 0.0         | 10.0              | 0.7           | 4.3        | WSW        | 0.0               |
| 01   | 9     | 1.6             | 9.9        | -2.5       | 3.4              | 3.9 | 4.9 | 7.2 | 9.4  | 13.2         | 64.6   | 0.0         | 10.5              | 0.8           | 4.6        | W          | 0.0               |
| 01   | 10    | 2.2             | 11.9       | -2.8       | 3.3              | 3.8 | 4.8 | 7.0 | 9.3  | 13.2         | 59.2   | 0.0         | 10.7              | 0.8           | 3.5        | W          | 0.0               |
| 01   | 11    | 1.4             | 9.3        | -2.3       | 3.2              | 3.7 | 4.6 | 6.9 | 9.2  | 13.1         | 65.4   | 0.0         | 9.9               | 0.7           | 4.3        | SW         | 0.0               |
| 01   | 12    | -0.9            | 1.8        | -4.4       | 2.9              | 3.6 | 4.6 | 6.8 | 9.2  | 13.0         | 83.0   | 0.0         | 2.0               | 0.2           | 2.8        | SW         | 0.0               |
| 01   | 13    | -0.7            | 8.0        | -5.9       | 2.1              | 2.9 | 4.1 | 6.7 | 9.1  | 13.0         | 61.4   | 0.0         | 10.9              | 0.8           | 4.3        | W          | 0.0               |
| 01   | 14    | 1.2             | 10.2       | -3.4       | 2.2              | 2.8 | 3.9 | 6.5 | 9.0  | 12.9         | 49.5   | 0.0         | 9.3               | 1.0           | 5.2        | WNW        | 0.0               |
| 01   | 15    | 1.5             | 9.0        | -3.5       | 2.4              | 2.8 | 3.8 | 6.3 | 8.9  | 12.8         | 61.2   | 0.0         | 11.2              | 0.8           | 5.5        | SSE        | 0.0               |
| 01   | 16    | 1.7             | 10.1       | -3.6       | 3.3              | 3.5 | 4.1 | 6.2 | 8.8  | 12.7         | 67.1   | 0.0         | 11.1              | 0.7           | 5.5        | SSE        | 0.0               |
| 01   | 17    | 0.2             | 7.4        | -4.1       | 2.7              | 3.3 | 4.1 | 6.2 | 8.7  | 12.7         | 69.3   | 0.0         | 7.2               | 0.7           | 4.7        | SE         | 0.0               |
| 01   | 18    | -0.2            | 4.7        | -1.8       | 2.9              | 3.3 | 4.2 | 6.2 | 8.6  | 12.6         | 98.7   | 32.5        | 1.6               | 0.4           | 7.1        | NW         | 0.0               |
| 01   | 19    | -1.2            | 2.8        | -6.5       | 2.6              | 3.0 | 4.0 | 6.2 | 8.5  | 12.5         | 53.4   | 2.5         | 10.7              | 2.1           | 9.7        | WNW        | 42.0              |
| 01   | 20    | -2.4            | 3.2        | -8.3       | 2.4              | 2.9 | 3.9 | 6.1 | 8.4  | 12.5         | 61.8   | 0.0         | 6.9               | 1.8           | 8.9        | WNW        | 0.0               |
| 01   | 21    | -1.0            | 6.9        | -6.3       | 2.4              | 2.8 | 3.8 | 6.0 | 8.3  | 12.4         | 62.6   | 2.0         | 10.9              | 0.7           | 4.0        | SW         | 0.0               |
| 01   | 22    | -0.9            | 7.2        | -5.8       | 2.3              | 2.7 | 3.7 | 5.9 | 8.3  | 12.3         | 63.9   | 0.5         | 11.2              | 0.8           | 5.2        | WSW        | 0.0               |
| 01   | 23    | -3.0            | 3.9        | -7.0       | 2.2              | 2.6 | 3.6 | 5.8 | 8.2  | 12.3         | 76.5   | 0.0         | 5.8               | 0.7           | 5.2        | S          | 0.0               |
| 01   | 24    | -4.0            | 0.8        | -8.2       | 2.2              | 2.6 | 3.5 | 5.7 | 8.1  | 12.2         | 53.9   | 0.0         | 10.7              | 2.1           | 11.7       | W          | 0.0               |
| 01   | 25    | -3.0            | 4.9        | -7.9       | 2.1              | 2.5 | 3.5 | 5.7 | 8.0  | 12.1         | 45.4   | 0.0         | 12.3              | 1.2           | 9.2        | W          | 0.0               |
| 01   | 26    | -2.1            | 6.6        | -7.8       | 2.0              | 2.4 | 3.4 | 5.6 | 8.0  | 12.1         | 56.1   | 0.0         | 12.6              | 0.9           | 4.3        | WSW        | 0.0               |
| 01   | 27    | 0.9             | 10.8       | -5.5       | 1.8              | 2.3 | 3.3 | 5.5 | 7.9  | 12.0         | 55.6   | 0.0         | 12.6              | 0.9           | 4.1        | WNW        | 0.0               |
| 01   | 28    | 2.1             | 11.3       | -3.5       | 1.7              | 2.1 | 3.1 | 5.4 | 7.8  | 11.9         | 58.2   | 0.0         | 12.3              | 0.8           | 3.7        | WNW        | 0.0               |
| 01   | 29    | 0.9             | 2.6        | -0.8       | 1.7              | 2.1 | 3.0 | 5.2 | 7.7  | 11.9         | 89.4   | 6.0         | 1.8               | 0.3           | 3.7        | NNE        | 0.0               |
| 01   | 30    | -0.3            | 2.6        | -1.9       | 1.8              | 2.1 | 3.0 | 5.1 | 7.6  | 11.8         | 98.2   | 5.5         | 2.6               | 0.0           | 1.3        | SSW        | 1.0               |
| 01   | 31    | 0.8             | 6.6        | -2.7       | 1.8              | 2.1 | 3.0 | 5.0 | 7.5  | 11.7         | 90.3   | 0.0         | 8.9               | 0.3           | 2.8        | SW         | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |      |              |        | 49.0        |                   |               |            |            |                   |
| 平均   | Mean  | 0.7             | 8.1        | -3.7       | 2.8              | 3.3 | 4.2 | 6.4 | 8.8  | 12.8         | 66.0   | 1.6         | 8.9               | 0.8           | 5.1        |            | 1.4               |
| 最大   | Max.  | 6.4             | 16.3       | 1.2        | 4.7              | 4.8 | 5.5 | 7.7 | 10.3 | 13.9         | 98.7   | 32.5        | 12.6              | 2.1           | 11.7       |            | 42.0              |
| 最低   | Min.  | -4.0            | 0.8        | -8.3       | 1.7              | 2.1 | 3.0 | 5.0 | 7.5  | 11.7         | 45.4   | 0.0         | 1.6               | 0.0           | 1.3        |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

2016年 02月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日  | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|----|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |    | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |    | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1  | -0.6            | 2.1        | -2.5       | 1.5              | 2.0 | 2.9 | 5.0 | 7.4 | 11.7         | 96.0   | 1.5         | 2.5               | 0.1           | 2.8        | SSW        | 1.0               |
| 02   | 2  | -0.6            | 7.3        | -5.1       | 1.6              | 2.0 | 2.8 | 4.9 | 7.3 | 11.6         | 80.9   | 0.0         | 9.8               | 0.7           | 3.8        | WSW        | 0.0               |
| 02   | 3  | -1.6            | 6.6        | -6.9       | 1.0              | 1.6 | 2.7 | 4.8 | 7.2 | 11.5         | 75.0   | 0.0         | 9.9               | 0.7           | 3.9        | SW         | 0.0               |
| 02   | 4  | -0.6            | 9.3        | -6.6       | 1.3              | 1.6 | 2.5 | 4.7 | 7.1 | 11.4         | 72.3   | 0.0         | 13.3              | 0.8           | 3.7        | SW         | 0.0               |
| 02   | 5  | 1.5             | 10.4       | -3.9       | 1.8              | 1.8 | 2.5 | 4.5 | 6.9 | 11.4         | 67.9   | 0.0         | 12.8              | 0.9           | 3.7        | W          | 0.0               |
| 02   | 6  | 1.0             | 7.3        | -3.3       | 2.0              | 2.1 | 2.7 | 4.5 | 6.8 | 11.3         | 78.4   | 0.0         | 8.3               | 0.6           | 4.2        | SE         | 0.0               |
| 02   | 7  | -0.1            | 7.1        | -3.8       | 3.0              | 2.7 | 3.0 | 4.5 | 6.7 | 11.1         | 63.5   | 0.0         | 13.6              | 1.1           | 6.4        | SSE        | 0.0               |
| 02   | 8  | -1.8            | 5.5        | -7.0       | 3.2              | 3.1 | 3.4 | 4.6 | 6.6 | 11.0         | 81.2   | 0.0         | 13.5              | 0.7           | 5.9        | S          | 0.0               |
| 02   | 9  | 0.6             | 7.9        | -5.4       | 2.4              | 2.7 | 3.4 | 4.7 | 6.5 | 10.9         | 61.8   | 0.0         | 9.0               | 1.5           | 11.2       | WNW        | 0.0               |
| 02   | 10 | 0.0             | 6.7        | -4.4       | 2.6              | 2.7 | 3.3 | 4.7 | 6.5 | 10.8         | 51.5   | 0.0         | 14.6              | 1.4           | 9.4        | W          | 0.0               |
| 02   | 11 | 0.4             | 10.2       | -6.4       | 2.6              | 2.7 | 3.3 | 4.7 | 6.4 | 10.7         | 56.9   | 0.0         | 14.7              | 0.7           | 4.4        | SSW        | 0.0               |
| 02   | 12 | 2.2             | 11.2       | -4.1       | 3.0              | 3.0 | 3.4 | 4.7 | 6.4 | 10.6         | 69.5   | 0.0         | 12.2              | 0.7           | 4.0        | SSW        | 0.0               |
| 02   | 13 | 6.2             | 12.4       | 0.3        | 4.1              | 3.8 | 3.9 | 4.8 | 6.3 | 10.6         | 77.1   | 0.0         | 7.8               | 0.6           | 5.0        | N          | 0.0               |
| 02   | 14 | 9.9             | 18.2       | 4.6        | 6.3              | 5.3 | 4.7 | 5.0 | 6.2 | 10.4         | 91.0   | 28.5        | 10.3              | 0.9           | 7.8        | NNE        | 0.0               |
| 02   | 15 | 1.3             | 8.5        | -5.5       | 5.5              | 5.7 | 5.6 | 5.4 | 6.2 | 10.3         | 94.5   | 2.5         | 1.5               | 0.3           | 4.3        | ESE        | 2.0               |
| 02   | 16 | -1.7            | 5.8        | -7.0       | 4.3              | 4.4 | 4.9 | 5.7 | 6.2 | 10.3         | 80.6   | 0.0         | 10.8              | 0.5           | 5.5        | SSE        | 0.0               |
| 02   | 17 | -0.2            | 8.6        | -4.4       | 3.4              | 3.8 | 4.5 | 5.7 | 6.3 | 10.2         | 63.7   | 0.0         | 12.5              | 1.0           | 9.5        | WSW        | 0.0               |
| 02   | 18 | 0.1             | 9.3        | -6.3       | 3.2              | 3.5 | 4.2 | 5.6 | 6.4 | 10.1         | 67.4   | 0.0         | 15.8              | 0.7           | 9.5        | S          | 0.0               |
| 02   | 19 | 4.8             | 15.6       | -3.5       | 4.1              | 4.0 | 4.3 | 5.5 | 6.4 | 10.0         | 54.2   | 0.0         | 15.7              | 0.8           | 6.1        | WSW        | 0.0               |
| 02   | 20 | 2.3             | 5.9        | 1.1        | 3.9              | 4.2 | 4.6 | 5.5 | 6.4 | 9.9          | 83.4   | 40.5        | 2.7               | 0.3           | 4.6        | NW         | 0.0               |
| 02   | 21 | 5.5             | 14.3       | -2.3       | 4.8              | 4.3 | 4.4 | 5.4 | 6.3 | 9.9          | 72.5   | 0.0         | 16.5              | 0.7           | 7.0        | SSE        | 0.0               |
| 02   | 22 | 1.9             | 9.5        | -2.8       | 4.7              | 4.7 | 4.9 | 5.5 | 6.3 | 9.7          | 69.2   | 0.0         | 14.7              | 0.6           | 6.2        | SSE        | 0.0               |
| 02   | 23 | 3.3             | 11.9       | -1.2       | 5.2              | 5.1 | 5.1 | 5.6 | 6.3 | 9.6          | 79.8   | 0.0         | 12.8              | 0.5           | 5.0        | SSE        | 0.0               |
| 02   | 24 | 0.1             | 4.1        | -3.1       | 4.4              | 4.7 | 5.1 | 5.8 | 6.3 | 9.6          | 75.1   | 1.0         | 4.2               | 0.6           | 5.3        | SE         | 0.0               |
| 02   | 25 | -1.3            | 5.6        | -6.5       | 4.5              | 4.6 | 4.9 | 5.9 | 6.4 | 9.6          | 72.5   | 0.0         | 11.1              | 0.7           | 5.6        | S          | 0.0               |
| 02   | 26 | 0.3             | 10.0       | -5.9       | 3.8              | 4.2 | 4.7 | 5.8 | 6.4 | 9.5          | 55.5   | 0.0         | 16.4              | 1.0           | 6.7        | W          | 0.0               |
| 02   | 27 | 2.3             | 10.7       | -4.8       | 4.1              | 4.2 | 4.6 | 5.8 | 6.5 | 9.5          | 55.6   | 0.0         | 15.4              | 0.9           | 6.8        | SW         | 0.0               |
| 02   | 28 | 4.9             | 13.3       | -1.5       | 5.0              | 4.8 | 4.9 | 5.8 | 6.5 | 9.5          | 63.8   | 0.0         | 13.9              | 0.9           | 5.4        | SE         | 0.0               |
| 02   | 29 | 4.3             | 14.5       | -1.8       | 5.8              | 5.6 | 5.5 | 5.9 | 6.5 | 9.5          | 82.9   | 1.0         | 9.9               | 1.4           | 11.6       | SE         | 0.0               |

|    |       |      |      |      |     |     |     |     |     |      |      |      |      |     |      |  |     |
|----|-------|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|-----|------|--|-----|
| 計  | Total |      |      |      |     |     |     |     |     |      |      | 75.0 |      |     |      |  |     |
| 平均 | Mean  | 1.5  | 9.3  | -3.8 | 3.6 | 3.6 | 4.0 | 5.2 | 6.5 | 10.4 | 72.2 | 2.6  | 11.2 | 0.8 | 6.0  |  | 0.1 |
| 最大 | Max.  | 9.9  | 18.2 | 4.6  | 6.3 | 5.7 | 5.6 | 5.9 | 7.4 | 11.7 | 96.0 | 40.5 | 16.5 | 1.5 | 11.6 |  | 2.0 |
| 最低 | Min.  | -1.8 | 2.1  | -7.0 | 1.0 | 1.6 | 2.5 | 4.5 | 6.2 | 9.5  | 51.5 | 0.0  | 1.5  | 0.1 | 2.8  |  | 0.0 |

代替機器観測日 (The date of observation by alternative hardwares)

2016年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | -0.8            | 6.3        | -5.4       | 5.4              | 5.5 | 5.7 | 6.1 | 6.5 | 9.4          | 57.1   | 0.0         | 17.8              | 1.4           | 8.2        | SW         | 1.0               |
| 03   | 2     | 1.1             | 10.9       | -6.0       | 4.7              | 4.9 | 5.4 | 6.2 | 6.6 | 9.4          | 52.3   | 0.0         | 18.3              | 0.8           | 4.9        | SSE        | 0.0               |
| 03   | 3     | 5.0             | 16.0       | -2.7       | 5.4              | 5.3 | 5.4 | 6.2 | 6.6 | 9.4          | 53.6   | 0.0         | 18.1              | 0.8           | 5.5        | S          | 0.0               |
| 03   | 4     | 6.1             | 15.0       | -0.4       | 6.2              | 6.0 | 5.9 | 6.3 | 6.6 | 9.4          | 63.0   | 0.0         | 17.1              | 0.7           | 6.0        | S          | 0.0               |
| 03   | 5     | 6.8             | 15.0       | 1.4        | 7.4              | 6.8 | 6.5 | 6.5 | 6.7 | 9.4          | 77.8   | 0.0         | 14.7              | 0.8           | 6.3        | SSE        | 0.0               |
| 03   | 6     | 8.9             | 17.1       | 3.9        | 8.2              | 7.6 | 7.2 | 6.8 | 6.7 | 9.3          | 83.2   | 0.0         | 10.2              | 1.0           | 11.1       | NNW        | 0.0               |
| 03   | 7     | 8.9             | 11.2       | 7.0        | 8.1              | 7.8 | 7.5 | 7.1 | 6.8 | 9.3          | 95.1   | 1.5         | 3.1               | 0.1           | 2.6        | WNW        | 0.0               |
| 03   | 8     | 11.9            | 21.0       | 4.7        | 9.3              | 8.5 | 7.9 | 7.4 | 6.8 | 9.3          | 80.6   | 0.0         | 16.8              | 0.6           | 5.7        | SSE        | 0.0               |
| 03   | 9     | 5.5             | 10.4       | 0.5        | 8.7              | 8.7 | 8.5 | 7.8 | 6.9 | 9.3          | 94.4   | 22.5        | 1.1               | 0.1           | 3.4        | ESE        | 0.0               |
| 03   | 10    | 1.1             | 2.5        | -0.6       | 6.4              | 6.9 | 7.5 | 8.0 | 7.1 | 9.3          | 98.3   | 3.0         | 2.9               | 0.0           | 3.1        | ESE        | 0.0               |
| 03   | 11    | -0.5            | 1.4        | -1.9       | 5.3              | 5.9 | 6.8 | 7.8 | 7.2 | 9.3          | 97.2   | 5.5         | 1.1               | 0.0           | 2.1        | ESE        | 8.0               |
| 03   | 12    | -0.8            | 0.7        | -1.9       | 4.5              | 5.1 | 6.1 | 7.6 | 7.4 | 9.3          | 98.5   | 3.5         | 0.9               | 0.2           | 4.0        | ESE        | 0.0               |
| 03   | 13    | -0.2            | 1.2        | -1.3       | 4.0              | 4.5 | 5.5 | 7.3 | 7.4 | 9.3          | 98.9   | 0.0         | 0.7               | 0.3           | 3.4        | ESE        | 0.0               |
| 03   | 14    | 0.1             | 1.2        | -0.9       | 3.6              | 4.1 | 5.1 | 7.0 | 7.4 | 9.3          | 99.8   | 10.0        | 0.8               |               |            |            | 0.0               |
| 03   | 15    | 1.3             | 8.2        | -3.3       | 3.2              | 3.7 | 4.8 | 6.7 | 7.4 | 9.3          | 87.3   | 8.0         | 15.8              | 0.3           | 5.8        | NNE        | 12.0              |
| 03   | 16    | 2.2             | 8.8        | -2.9       | 3.0              | 3.4 | 4.3 | 6.3 | 7.3 | 9.3          | 84.7   | 0.0         | 13.6              | 0.4           | 5.1        | SSE        | 0.0               |
| 03   | 17    | 8.1             | 19.2       | 1.3        | 5.6              | 4.9 | 4.8 | 6.1 | 7.2 | 9.3          | 64.1   | 0.0         | 20.6              | 0.5           | 4.2        | SW         | 0.0               |
| 03   | 18    | 9.1             | 17.4       | 1.3        | 6.7              | 6.2 | 5.9 | 6.2 | 7.1 | 9.3          | 63.9   | 0.5         | 14.3              | 1.0           | 9.8        | W          | 0.0               |
| 03   | 19    | 10.5            | 18.6       | 6.5        | 8.4              | 7.5 | 6.8 | 6.6 | 7.0 | 9.2          | 86.0   | 1.0         | 11.4              | 0.3           | 5.6        | SSE        | 0.0               |
| 03   | 20    | 8.1             | 15.9       | 3.3        | 8.7              | 8.2 | 7.7 | 7.0 | 7.0 | 9.2          | 62.9   | 0.0         | 15.8              | 0.9           | 6.1        | SE         | 0.0               |
| 03   | 21    | 4.9             | 13.6       | -0.4       | 8.4              | 8.2 | 7.9 | 7.5 | 7.0 | 9.2          | 63.6   | 0.0         | 15.6              | 0.8           | 5.3        | SE         | 0.0               |
| 03   | 22    | 5.5             | 15.1       | -2.5       | 8.0              | 7.9 | 7.8 | 7.7 | 7.1 | 9.2          | 64.4   | 0.0         | 21.1              | 0.7           | 6.1        | SSE        | 0.0               |
| 03   | 23    | 5.8             | 13.1       | 1.5        | 7.8              | 7.8 | 7.9 | 7.9 | 7.2 | 9.2          | 72.5   | 1.5         | 10.1              | 0.8           | 5.2        | E          | 0.0               |
| 03   | 24    | 1.9             | 8.5        | -2.0       | 7.3              | 7.5 | 7.7 | 8.0 | 7.3 | 9.2          | 88.1   | 3.0         | 8.2               | 0.3           | 5.2        | ESE        | 0.0               |
| 03   | 25    | 1.7             | 11.2       | -3.4       | 6.7              | 6.9 | 7.3 | 8.0 | 7.4 | 9.2          | 70.0   | 0.0         | 17.6              | 0.8           | 7.2        | SSE        | 0.0               |
| 03   | 26    | 3.1             | 10.1       | -1.7       | 7.4              | 7.3 | 7.4 | 7.9 | 7.5 | 9.2          | 80.2   | 0.5         | 13.0              | 0.5           | 4.6        | SE         | 0.0               |
| 03   | 27    | 4.8             | 11.3       | 1.2        | 8.1              | 7.8 | 7.7 | 8.0 | 7.6 | 9.2          | 83.7   | 0.5         | 15.3              | 0.5           | 5.2        | SE         | 0.0               |
| 03   | 28    | 5.1             | 12.2       | 2.0        | 8.1              | 8.0 | 8.0 | 8.1 | 7.6 | 9.2          | 89.7   | 4.0         | 7.9               | 0.4           | 4.0        | SSW        | 0.0               |
| 03   | 29    | 7.7             | 16.2       | 1.1        | 8.9              | 8.4 | 8.1 | 8.3 | 7.6 | 9.2          | 81.2   | 0.0         | 19.3              | 0.5           | 5.7        | SSE        | 0.0               |
| 03   | 30    | 9.7             | 19.0       | 2.6        | 9.8              | 9.3 | 8.8 | 8.4 | 7.7 | 9.2          | 70.5   | 0.0         | 17.4              | 0.6           | 5.2        | SE         | 0.0               |
| 03   | 31    | 10.2            | 19.2       | 2.4        | 10.1             | 9.7 | 9.2 | 8.7 | 7.8 | 9.2          | 57.1   | 0.0         | 21.0              | 0.7           | 5.8        | SSE        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 65.0        |                   |               |            |            |                   |
| 平均   | Mean  | 4.9             | 11.8       | 0.1        | 6.9              | 6.8 | 6.9 | 7.3 | 7.1 | 9.3          | 78.0   | 2.1         | 12.3              | 0.6           | 5.4        |            | 0.7               |
| 最大   | Max.  | 11.9            | 21.0       | 7.0        | 10.1             | 9.7 | 9.2 | 8.7 | 7.8 | 9.4          | 99.8   | 22.5        | 21.1              |               |            |            | 12.0              |
| 最低   | Min.  | -0.8            | 0.7        | -6.0       | 3.0              | 3.4 | 4.3 | 6.1 | 6.5 | 9.2          | 52.3   | 0.0         | 0.7               | 0.0           |            |            | 0.0               |

2016年 04月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 9.3             | 18.4       | 3.5        | 10.1             | 9.8  | 9.5  | 9.0  | 7.9  | 9.2          | 69.3   | 0.0         | 14.6              | 0.8           | 5.9        | ESE        | 0.0               |
| 04   | 2     | 6.2             | 11.6       | 3.0        | 9.9              | 9.8  | 9.6  | 9.2  | 8.0  | 9.2          | 90.1   | 0.0         | 10.5              | 0.7           | 5.8        | ESE        | 0.0               |
| 04   | 3     | 11.2            | 18.6       | 4.7        | 10.7             | 10.2 | 9.8  | 9.4  | 8.1  | 9.2          | 75.0   | 0.0         | 14.4              | 1.7           | 9.0        | WSW        | 0.0               |
| 04   | 4     | 12.5            | 17.0       | 9.4        | 11.5             | 10.8 | 10.3 | 9.6  | 8.2  | 9.2          | 91.0   | 9.5         | 8.8               | 0.4           | 5.2        | E          | 0.0               |
| 04   | 5     | 7.0             | 9.5        | 3.7        | 10.9             | 10.8 | 10.7 | 9.9  | 8.3  | 9.3          | 99.9   | 1.0         | 2.9               | 0.1           | 3.4        | ESE        | 0.0               |
| 04   | 6     | 9.9             | 19.9       | 1.7        | 10.8             | 10.4 | 10.3 | 10.1 | 8.5  | 9.3          | 72.6   | 0.0         | 19.4              | 0.5           | 6.0        | SE         | 0.0               |
| 04   | 7     | 8.1             | 11.4       | 6.5        | 10.4             | 10.4 | 10.5 | 10.2 | 8.5  | 9.3          | 96.3   | 25.5        | 3.8               | 0.1           | 4.9        | E          | 0.0               |
| 04   | 8     | 11.7            | 18.1       | 6.0        | 11.2             | 10.8 | 10.5 | 10.3 | 8.7  | 9.3          | 85.2   | 0.0         | 12.4              | 0.3           | 5.9        | ESE        | 0.0               |
| 04   | 9     | 11.9            | 21.4       | 4.3        | 11.7             | 11.2 | 10.8 | 10.5 | 8.9  | 9.4          | 65.9   | 0.0         | 19.9              | 0.6           | 5.5        | SE         | 0.0               |
| 04   | 10    | 12.1            | 18.6       | 6.6        | 11.5             | 11.4 | 11.2 | 10.6 | 9.0  | 9.4          | 57.0   | 0.0         | 11.2              | 0.7           | 4.4        | N          | 0.0               |
| 04   | 11    | 7.5             | 15.1       | -0.2       | 11.4             | 11.3 | 11.1 | 10.8 | 9.1  | 9.4          | 63.0   | 0.0         | 21.6              | 1.1           | 7.7        | SE         | 0.0               |
| 04   | 12    | 5.8             | 13.8       | -2.1       | 10.3             | 10.5 | 10.7 | 10.9 | 9.2  | 9.5          | 56.4   | 0.0         | 22.9              | 0.8           | 5.5        | SE         | 0.0               |
| 04   | 13    | 9.6             | 16.3       | 2.6        | 10.8             | 10.7 | 10.7 | 10.9 | 9.3  | 9.5          | 72.4   | 1.5         | 13.8              | 1.5           | 10.7       | WSW        | 0.0               |
| 04   | 14    | 12.8            | 20.5       | 8.7        | 12.1             | 11.4 | 11.1 | 10.9 | 9.4  | 9.5          | 90.6   | 9.0         | 11.7              | 0.2           | 3.7        | ESE        | 0.0               |
| 04   | 15    | 11.4            | 18.8       | 4.3        | 12.2             | 12.0 | 11.6 | 11.1 | 9.5  | 9.6          | 46.4   | 0.0         | 24.4              | 1.2           | 9.6        | W          | 0.0               |
| 04   | 16    | 10.6            | 17.4       | 3.3        | 11.7             | 11.6 | 11.5 | 11.3 | 9.6  | 9.6          | 59.7   | 0.0         | 19.1              | 0.8           | 7.6        | SE         | 0.0               |
| 04   | 17    | 16.1            | 22.8       | 12.4       | 11.9             | 11.7 | 11.7 | 11.4 | 9.6  | 9.7          | 53.7   | 12.5        | 11.5              | 4.7           | 20.1       | WNW        | 0.0               |
| 04   | 18    | 14.3            | 22.7       | 9.2        | 12.3             | 11.9 | 11.8 | 11.5 | 9.7  | 9.7          | 58.3   | 0.0         | 13.4              | 0.9           | 5.8        | ENE        | 0.0               |
| 04   | 19    | 13.0            | 21.6       | 6.1        | 13.3             | 12.7 | 12.2 | 11.6 | 9.8  | 9.8          | 66.1   | 0.0         | 24.9              | 1.0           | 6.6        | ESE        | 0.0               |
| 04   | 20    | 10.6            | 18.7       | 3.4        | 13.2             | 12.9 | 12.5 | 11.8 | 10.0 | 9.8          | 67.7   | 0.0         | 23.4              | 0.9           | 5.5        | SSE        | 0.0               |
| 04   | 21    | 10.4            | 16.9       | 6.2        | 12.0             | 12.3 | 12.4 | 12.0 | 10.1 | 9.9          | 81.2   | 8.0         | 5.4               | 1.5           | 11.8       | W          | 0.0               |
| 04   | 22    | 13.9            | 23.2       | 7.8        | 13.1             | 12.5 | 12.2 | 12.0 | 10.2 | 9.9          | 89.2   | 0.5         | 13.3              | 0.4           | 5.0        | ESE        | 0.0               |
| 04   | 23    | 13.4            | 20.4       | 9.2        | 14.1             | 13.4 | 12.9 | 12.2 | 10.3 | 10.0         | 89.3   | 0.0         | 13.4              | 0.3           | 4.3        | SSE        | 0.0               |
| 04   | 24    | 12.3            | 16.9       | 10.2       | 14.1             | 13.8 | 13.4 | 12.4 | 10.4 | 10.0         | 92.8   | 3.0         | 7.3               | 0.3           | 4.6        | ESE        | 0.0               |
| 04   | 25    | 13.0            | 20.9       | 8.5        | 14.6             | 13.9 | 13.5 | 12.7 | 10.5 | 10.1         | 78.7   | 0.0         | 17.1              | 0.4           | 4.6        | SE         | 0.0               |
| 04   | 26    | 15.5            | 24.2       | 7.4        | 15.1             | 14.4 | 13.8 | 12.9 | 10.6 | 10.1         | 71.7   | 0.0         | 23.1              | 0.6           | 5.7        | SE         | 0.0               |
| 04   | 27    | 13.0            | 17.1       | 9.8        | 14.6             | 14.4 | 14.1 | 13.2 | 10.8 | 10.2         | 88.7   | 1.0         | 8.7               | 0.6           | 5.3        | ESE        | 0.0               |
| 04   | 28    | 10.4            | 11.7       | 9.4        | 13.7             | 13.6 | 13.8 | 13.3 | 10.9 | 10.2         | 99.4   | 14.0        | 3.8               | 0.0           | 3.6        | ESE        | 0.0               |
| 04   | 29    | 9.9             | 16.7       | 5.3        | 13.7             | 13.5 | 13.5 | 13.3 | 11.0 | 10.3         | 62.1   | 0.5         | 22.7              | 1.3           | 11.1       | W          | 0.0               |
| 04   | 30    | 11.2            | 20.9       | 1.8        | 13.2             | 13.1 | 13.2 | 13.3 | 11.2 | 10.4         | 55.6   | 0.0         | 23.3              | 0.9           | 5.8        | S          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 86.0        |                   |               |            |            |                   |
| 平均   | Mean  | 11.2            | 18.0       | 5.8        | 12.2             | 11.9 | 11.7 | 11.3 | 9.5  | 9.7          | 74.8   | 2.9         | 14.8              | 0.8           | 6.7        |            | 0.0               |
| 最大   | Max.  | 16.1            | 24.2       | 12.4       | 15.1             | 14.4 | 14.1 | 13.3 | 11.2 | 10.4         | 99.9   | 25.5        | 24.9              | 4.7           | 20.1       |            | 0.0               |
| 最低   | Min.  | 5.8             | 9.5        | -2.1       | 9.9              | 9.8  | 9.5  | 9.0  | 7.9  | 9.2          | 46.4   | 0.0         | 2.9               | 0.0           | 3.4        |            | 0.0               |



2016年 05月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 15.2            | 25.9       | 7.1        | 14.3             | 13.8 | 13.5 | 13.3 | 11.3 | 10.4         | 60.1   | 0.0         | 21.8              | 0.8           | 7.9        | WSW        | 0.0               |
| 05   | 2     | 13.8            | 19.0       | 9.0        | 14.9             | 14.4 | 14.0 | 13.4 | 11.4 | 10.5         | 76.1   | 0.0         | 19.8              | 1.0           | 6.8        | ESE        | 0.0               |
| 05   | 3     | 16.1            | 21.4       | 11.3       | 15.5             | 15.0 | 14.5 | 13.6 | 11.4 | 10.5         | 66.6   | 0.0         | 16.5              | 2.7           | 16.9       | W          | 0.0               |
| 05   | 4     | 19.1            | 26.7       | 12.5       | 15.8             | 15.2 | 14.7 | 13.8 | 11.5 | 10.6         | 51.8   | 16.5        | 25.9              | 2.7           | 17.2       | WNW        | 0.0               |
| 05   | 5     | 16.2            | 25.4       | 8.7        | 15.7             | 15.3 | 14.9 | 14.1 | 11.6 | 10.7         | 46.7   | 0.0         | 26.2              | 1.1           | 10.1       | ESE        | 0.0               |
| 05   | 6     | 12.2            | 18.2       | 8.2        | 14.5             | 14.7 | 14.8 | 14.3 | 11.8 | 10.7         | 71.7   | 0.5         | 9.1               | 0.4           | 4.6        | SE         | 0.0               |
| 05   | 7     | 17.8            | 26.8       | 10.3       | 15.7             | 15.0 | 14.7 | 14.3 | 11.9 | 10.8         | 71.5   | 0.0         | 20.7              | 0.8           | 8.2        | ESE        | 0.0               |
| 05   | 8     | 16.4            | 24.2       | 9.2        | 16.0             | 15.6 | 15.2 | 14.4 | 12.0 | 10.9         | 50.6   | 0.0         | 24.6              | 0.8           | 5.7        | SE         | 0.0               |
| 05   | 9     | 13.7            | 18.0       | 9.4        | 15.3             | 15.1 | 15.1 | 14.6 | 12.1 | 11.0         | 83.9   | 3.5         | 9.9               | 0.5           | 5.0        | ESE        | 0.0               |
| 05   | 10    | 15.5            | 19.9       | 12.3       | 16.0             | 15.5 | 15.2 | 14.6 | 12.3 | 11.0         | 93.5   | 3.0         | 10.1              | 0.3           | 4.4        | ESE        | 0.0               |
| 05   | 11    | 14.8            | 17.5       | 11.5       | 16.0             | 15.6 | 15.4 | 14.8 | 12.2 | 11.0         | 99.0   | 21.0        | 6.2               | 0.1           | 5.2        | E          | 0.0               |
| 05   | 12    | 16.4            | 25.1       | 8.8        | 16.6             | 15.9 | 15.6 | 14.9 | 12.4 | 11.1         | 72.4   | 0.0         | 26.8              | 0.7           | 5.1        | ESE        | 0.0               |
| 05   | 13    | 16.8            | 24.7       | 9.3        | 16.9             | 16.4 | 15.9 | 15.1 | 12.5 | 11.2         | 74.5   | 0.0         | 25.8              | 0.6           | 5.1        | SE         | 0.0               |
| 05   | 14    | 16.7            | 24.4       | 11.6       | 17.1             | 16.7 | 16.2 | 15.3 | 12.7 | 11.3         | 74.3   | 0.0         | 18.0              | 0.4           | 4.3        | SE         | 0.0               |
| 05   | 15    | 15.1            | 21.1       | 10.6       | 17.1             | 16.6 | 16.3 | 15.5 | 12.8 | 11.4         | 76.9   | 0.0         | 20.4              | 0.6           | 4.9        | ESE        | 0.0               |
| 05   | 16    | 13.2            | 16.7       | 10.9       | 16.6             | 16.5 | 16.3 | 15.7 | 13.0 | 11.5         | 91.4   | 0.0         | 9.5               | 0.7           | 5.3        | ESE        | 0.0               |
| 05   | 17    | 13.1            | 16.0       | 8.8        | 15.7             | 15.7 | 15.9 | 15.7 | 13.0 | 11.5         | 98.7   | 17.0        | 3.5               | 0.1           | 4.4        | E          | 0.0               |
| 05   | 18    | 14.9            | 26.4       | 5.6        | 16.0             | 15.6 | 15.6 | 15.6 | 13.2 | 11.6         | 66.2   | 0.0         | 27.7              | 0.5           | 4.9        | SE         | 0.0               |
| 05   | 19    | 15.8            | 23.8       | 8.9        | 16.4             | 16.1 | 15.9 | 15.6 | 13.3 | 11.7         | 65.3   | 0.0         | 24.3              | 0.6           | 5.0        | SE         | 0.0               |
| 05   | 20    | 13.2            | 20.3       | 8.1        | 15.9             | 15.9 | 15.9 | 15.7 | 13.4 | 11.8         | 71.8   | 0.0         | 17.2              | 0.5           | 4.8        | ESE        | 0.0               |
| 05   | 21    | 15.9            | 25.3       | 6.8        | 16.0             | 15.7 | 15.7 | 15.7 | 13.5 | 11.9         | 64.6   | 0.0         | 24.3              | 0.7           | 5.8        | ESE        | 0.0               |
| 05   | 22    | 18.3            | 27.0       | 10.1       | 16.9             | 16.4 | 16.1 | 15.7 | 13.6 | 12.0         | 56.5   | 0.0         | 26.0              | 0.7           | 4.1        | SSW        | 0.0               |
| 05   | 23    | 20.1            | 28.9       | 12.7       | 17.4             | 16.8 | 16.4 | 15.8 | 13.6 | 12.0         | 53.3   | 0.0         | 23.8              | 0.6           | 4.6        | SE         | 0.0               |
| 05   | 24    | 20.5            | 27.2       | 13.7       | 17.8             | 17.2 | 16.8 | 16.0 | 13.7 | 12.1         | 54.0   | 0.0         | 18.3              | 0.9           | 7.1        | NNW        | 0.0               |
| 05   | 25    | 17.1            | 20.8       | 13.6       | 17.0             | 16.9 | 16.8 | 16.2 | 13.8 | 12.2         | 72.8   | 0.0         | 6.3               | 0.5           | 5.9        | E          | 0.0               |
| 05   | 26    | 20.3            | 28.1       | 11.9       | 18.3             | 17.3 | 16.8 | 16.3 | 13.9 | 12.3         | 75.8   | 0.0         | 25.1              | 0.7           | 5.4        | ESE        | 0.0               |
| 05   | 27    | 17.3            | 21.8       | 11.3       | 18.4             | 18.0 | 17.6 | 16.4 | 14.0 | 12.3         | 89.8   | 3.0         | 9.1               | 0.3           | 5.6        | E          | 0.0               |
| 05   | 28    | 15.2            | 21.2       | 10.5       | 17.0             | 17.1 | 17.1 | 16.6 | 14.1 | 12.4         | 76.8   | 0.0         | 11.3              | 0.4           | 5.0        | SSE        | 0.0               |
| 05   | 29    | 18.2            | 25.6       | 11.3       | 17.7             | 17.2 | 17.0 | 16.6 | 14.2 | 12.5         | 74.5   | 0.5         | 20.4              | 0.5           | 5.2        | SSE        | 0.0               |
| 05   | 30    | 11.9            | 15.4       | 9.9        | 16.6             | 16.8 | 17.0 | 16.7 | 14.3 | 12.6         | 96.8   | 9.0         | 4.7               | 0.1           | 3.8        | WNW        | 0.0               |
| 05   | 31    | 17.1            | 24.5       | 10.8       | 17.6             | 17.0 | 16.7 | 16.6 | 14.3 | 12.6         | 86.5   | 0.0         | 23.0              | 0.5           | 5.2        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 74.0        |                   |               |            |            |                   |
| 平均   | Mean  | 16.1            | 22.8       | 10.2       | 16.4             | 16.0 | 15.8 | 15.3 | 12.9 | 11.5         | 73.0   | 2.4         | 17.9              | 0.7           | 6.2        |            | 0.0               |
| 最大   | Max.  | 20.5            | 28.9       | 13.7       | 18.4             | 18.0 | 17.6 | 16.7 | 14.3 | 12.6         | 99.0   | 21.0        | 27.7              | 2.7           | 17.2       |            | 0.0               |
| 最低   | Min.  | 11.9            | 15.4       | 5.6        | 14.3             | 13.8 | 13.5 | 13.3 | 11.3 | 10.4         | 46.7   | 0.0         | 3.5               | 0.1           | 3.8        |            | 0.0               |

2016年 06月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 16.3            | 23.8       | 9.9        | 18.2             | 17.7 | 17.4 | 16.7 | 14.4 | 12.7         | 67.0   | 0.0         | 25.0              | 1.0           | 6.1        | ESE        | 0.0               |
| 06   | 2     | 14.3            | 22.8       | 7.8        | 17.1             | 17.2 | 17.2 | 16.8 | 14.5 | 12.8         | 53.8   | 0.0         | 27.9              | 1.3           | 9.2        | W          | 0.0               |
| 06   | 3     | 14.6            | 23.1       | 5.7        | 16.5             | 16.6 | 16.8 | 16.8 | 14.6 | 12.9         | 60.0   | 0.0         | 23.1              | 0.6           | 4.5        | S          | 0.0               |
| 06   | 4     | 17.4            | 24.9       | 9.4        | 17.0             | 16.8 | 16.8 | 16.8 | 14.7 | 12.9         | 68.0   | 0.0         | 18.6              | 0.6           | 7.4        | SW         | 0.0               |
| 06   | 5     | 17.2            | 24.2       | 12.2       | 17.5             | 17.3 | 17.1 | 16.8 | 14.8 | 13.0         | 72.0   | 1.0         | 15.8              | 0.4           | 3.3        | SW         | 0.0               |
| 06   | 6     | 15.2            | 17.8       | 11.2       | 16.8             | 16.9 | 17.0 | 16.8 | 14.9 | 13.1         | 85.3   | 0.0         | 6.9               | 0.4           | 4.0        | ESE        | 0.0               |
| 06   | 7     | 15.3            | 17.1       | 14.3       | 16.8             | 16.8 | 16.9 | 16.8 | 14.9 | 13.1         | 95.3   | 0.0         | 4.0               | 0.2           | 4.4        | ESE        | 0.0               |
| 06   | 8     | 16.7            | 18.9       | 14.4       | 17.0             | 16.8 | 16.9 | 16.8 | 14.9 | 13.2         | 91.5   | 0.0         | 4.7               | 0.1           | 2.8        | ESE        | 0.0               |
| 06   | 9     | 17.6            | 21.9       | 14.7       | 17.3             | 17.0 | 16.9 | 16.8 | 15.0 | 13.3         | 90.0   | 4.0         | 7.3               | 0.1           | 3.7        | ESE        | 0.0               |
| 06   | 10    | 20.1            | 28.5       | 13.8       | 18.7             | 17.9 | 17.4 | 16.8 | 15.0 | 13.3         | 77.0   | 0.0         | 24.2              | 0.4           | 5.6        | ESE        | 0.0               |
| 06   | 11    | 20.3            | 27.2       | 14.8       | 19.4             | 18.7 | 18.1 | 17.1 | 15.0 | 13.4         | 75.6   | 0.0         | 20.1              | 0.5           | 4.9        | SSE        | 0.0               |
| 06   | 12    | 19.3            | 25.6       | 13.6       | 19.2             | 18.8 | 18.4 | 17.3 | 15.1 | 13.5         | 76.4   | 0.5         | 16.6              | 0.4           | 4.0        | ESE        | 0.0               |
| 06   | 13    | 15.4            | 17.1       | 14.6       | 17.7             | 17.7 | 17.9 | 17.5 | 15.0 | 13.5         | 98.4   | 45.5        | 4.1               | 0.0           | 2.3        | ESE        | 0.0               |
| 06   | 14    | 18.3            | 24.4       | 14.2       | 18.5             | 17.9 | 17.7 | 17.5 | 15.1 | 13.5         | 91.2   | 4.5         | 14.1              | 0.3           | 4.9        | ESE        | 0.0               |
| 06   | 15    | 16.1            | 17.7       | 14.8       | 18.5             | 18.2 | 18.1 | 17.6 | 15.2 | 13.6         | 98.2   | 1.0         | 5.1               | 0.1           | 3.6        | ESE        | 0.0               |
| 06   | 16    | 16.1            | 17.5       | 14.9       | 17.9             | 17.8 | 17.9 | 17.7 | 15.3 | 13.6         | 98.9   | 1.5         | 3.1               | 0.0           | 1.7        | ESE        | 0.0               |
| 06   | 17    | 19.9            | 28.4       | 15.1       | 19.2             | 18.4 | 18.1 | 17.7 | 15.4 | 13.7         | 86.8   | 0.5         | 19.4              | 0.4           | 5.1        | ESE        | 0.0               |
| 06   | 18    | 21.0            | 30.8       | 12.9       | 19.6             | 19.0 | 18.7 | 17.9 | 15.5 | 13.8         | 68.2   | 0.0         | 26.6              | 0.5           | 5.1        | SSE        | 0.0               |
| 06   | 19    | 19.3            | 24.0       | 15.8       | 19.4             | 19.1 | 18.9 | 18.1 | 15.6 | 13.8         | 84.5   | 0.0         | 10.5              | 0.3           | 5.0        | ESE        | 0.0               |
| 06   | 20    | 21.3            | 27.9       | 15.9       | 20.0             | 19.4 | 19.0 | 18.3 | 15.7 | 13.9         | 78.8   | 0.0         | 18.2              | 0.5           | 5.7        | ESE        | 0.0               |
| 06   | 21    | 18.0            | 21.5       | 16.4       | 19.4             | 19.2 | 19.2 | 18.5 | 15.8 | 13.9         | 93.5   | 3.5         | 5.7               | 0.1           | 3.1        | ESE        | 0.0               |
| 06   | 22    | 18.2            | 21.5       | 15.2       | 19.3             | 19.0 | 19.0 | 18.5 | 15.9 | 14.0         | 94.4   | 0.0         | 6.1               | 0.3           | 3.5        | ESE        | 0.0               |
| 06   | 23    | 18.7            | 22.5       | 15.2       | 19.7             | 19.3 | 19.1 | 18.6 | 15.9 | 14.0         | 96.7   | 6.0         | 6.6               | 0.1           | 2.6        | S          | 0.0               |
| 06   | 24    | 16.6            | 19.5       | 13.2       | 19.0             | 18.9 | 19.0 | 18.7 | 16.0 | 14.1         | 94.5   | 3.0         | 5.5               | 0.2           | 3.7        | ESE        | 0.0               |
| 06   | 25    | 20.0            | 27.3       | 16.1       | 20.3             | 19.4 | 19.1 | 18.7 | 16.1 | 14.1         | 88.5   | 0.5         | 12.2              | 0.1           | 3.7        | N          | 0.0               |
| 06   | 26    | 19.0            | 24.4       | 14.8       | 19.8             | 19.6 | 19.4 | 18.8 | 16.2 | 14.2         | 78.5   | 0.0         | 10.8              | 0.2           | 3.7        | S          | 0.0               |
| 06   | 27    | 19.8            | 26.5       | 13.2       | 20.6             | 19.9 | 19.4 | 18.9 | 16.3 | 14.3         | 77.2   | 0.0         | 21.1              | 0.5           | 5.1        | SE         | 0.0               |
| 06   | 28    | 15.6            | 17.6       | 13.8       | 19.5             | 19.6 | 19.6 | 19.1 | 16.3 | 14.3         | 96.7   | 9.0         | 4.1               | 0.0           | 2.5        | E          | 0.0               |
| 06   | 29    | 16.8            | 20.0       | 15.2       | 19.1             | 19.0 | 19.2 | 19.1 | 16.4 | 14.4         | 97.3   | 0.0         | 4.2               | 0.0           | 2.7        | ESE        | 0.0               |
| 06   | 30    | 19.3            | 23.7       | 16.3       | 20.1             | 19.5 | 19.3 | 19.1 | 16.5 | 14.5         | 93.3   | 0.0         | 9.0               | 0.1           | 3.7        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 80.5        |                   |               |            |            |                   |
| 平均   | Mean  | 17.8            | 22.9       | 13.6       | 18.6             | 18.3 | 18.2 | 17.8 | 15.4 | 13.6         | 84.2   | 2.7         | 12.7              | 0.3           | 4.2        |            | 0.0               |
| 最大   | Max.  | 21.3            | 30.8       | 16.4       | 20.6             | 19.9 | 19.6 | 19.1 | 16.5 | 14.5         | 98.9   | 45.5        | 27.9              | 1.3           | 9.2        |            | 0.0               |
| 最低   | Min.  | 14.3            | 17.1       | 5.7        | 16.5             | 16.6 | 16.8 | 16.7 | 14.4 | 12.7         | 53.8   | 0.0         | 3.1               | 0.0           | 1.7        |            | 0.0               |

2016年 07月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              |        | 湿度          | 降水量               | 日射量<br>日合計 | 風速 m/sec      |            |                   | 降雪深<br>cm |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|------------|---------------|------------|-------------------|-----------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   |            | Wind Velocity |            |                   |           |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean | 最大<br>Max.    | 風向<br>Dir. | Snowfall<br>Depth |           |
| 07   | 1     | 22.4            | 30.2       | 17.5       | 21.9             | 20.8 | 20.0 | 19.2 | 16.5 | 14.5         | 83.1   | 0.0         | 18.3              | 0.3        | 4.2           | SSE        | 0.0               |           |
| 07   | 2     | 22.7            | 28.7       | 18.6       | 22.2             | 21.5 | 20.7 | 19.4 | 16.6 | 14.6         | 83.6   | 0.0         | 12.1              | 0.3        | 3.9           | SE         | 0.0               |           |
| 07   | 3     | 24.9            | 34.1       | 20.6       |                  |      |      |      |      |              |        | 0.0         |                   |            |               |            | 0.0               |           |
| 07   | 4     | 22.8            | 30.6       | 18.3       | 22.7             | 22.1 | 21.4 | 20.0 | 16.8 | 14.7         | 82.5   | 1.5         | 14.6              | 0.4        | 4.7           | ESE        | 0.0               |           |
| 07   | 5     | 18.1            | 25.3       | 15.6       | 21.5             | 21.5 | 21.4 | 20.3 | 17.0 | 14.8         | 96.5   | 3.5         | 5.5               | 0.2        | 6.0           | ESE        | 0.0               |           |
| 07   | 6     | 20.0            | 28.4       | 15.4       | 21.6             | 21.1 | 20.9 | 20.4 | 17.1 | 14.8         | 90.4   | 0.0         | 14.4              | 0.1        | 2.5           | S          | 0.0               |           |
| 07   | 7     | 25.0            | 33.3       | 18.4       | 22.8             | 22.0 | 21.3 | 20.4 | 17.2 | 14.9         | 73.6   | 0.0         | 20.2              | 0.5        | 4.9           | SE         | 0.0               |           |
| 07   | 8     | 22.3            | 26.3       | 17.6       | 22.9             | 22.4 | 21.9 | 20.6 | 17.3 | 15.0         | 87.4   | 0.0         | 11.7              | 0.2        | 3.3           | SE         | 0.0               |           |
| 07   | 9     | 19.3            | 21.3       | 17.0       | 21.8             | 21.7 | 21.7 | 20.8 | 17.5 | 15.0         | 96.8   | 4.0         | 4.1               | 0.1        | 2.7           | ESE        | 0.0               |           |
| 07   | 10    | 22.9            | 30.5       | 15.8       | 22.6             | 21.8 | 21.5 | 20.9 | 17.6 | 15.1         | 81.6   | 0.0         | 21.8              | 0.0        | 1.0           | ESE        | 0.0               |           |
| 07   | 11    | 24.4            | 30.2       | 19.9       |                  |      |      |      |      |              |        | 0.0         |                   |            |               |            | 0.0               |           |
| 07   | 12    | 24.1            | 31.3       | 17.7       | 23.8             | 23.1 | 22.5 | 21.2 | 17.8 | 15.3         | 76.0   | 0.0         | 21.4              | 0.2        | 4.9           | ESE        | 0.0               |           |
| 07   | 13    | 21.4            | 23.0       | 19.9       | 23.1             | 22.9 | 22.7 | 21.5 | 17.9 | 15.3         | 96.8   | 6.5         | 3.2               | 0.0        | 2.3           | SE         | 0.0               |           |
| 07   | 14    | 21.5            | 29.2       | 17.8       | 23.3             | 22.7 | 22.4 | 21.6 | 17.9 | 15.4         | 93.7   | 20.0        | 14.3              | 0.2        | 5.8           | E          | 0.0               |           |
| 07   | 15    | 18.7            | 22.9       | 17.3       | 22.2             | 22.2 | 22.3 | 21.7 | 18.1 | 15.4         | 97.8   | 9.5         | 7.7               | 0.2        | 4.9           | E          | 0.0               |           |
| 07   | 16    | 18.8            | 20.6       | 17.2       | 21.8             | 21.8 | 21.9 | 21.8 | 18.3 | 15.5         | 96.5   | 0.0         | 5.4               | 0.0        | 2.2           | ESE        | 0.0               |           |
| 07   | 17    | 21.9            | 26.6       | 17.6       | 22.6             | 22.0 | 21.9 | 21.7 | 18.4 | 15.6         | 89.9   | 0.0         | 12.9              | 0.2        | 3.7           | ESE        | 0.0               |           |
| 07   | 18    | 24.4            | 30.8       | 20.4       | 24.0             | 23.2 | 22.5 | 21.7 | 18.5 | 15.7         | 86.2   | 0.5         | 17.6              | 0.3        | 4.9           | ESE        | 0.0               |           |
| 07   | 19    | 23.4            | 29.1       | 19.9       | 24.2             | 23.6 | 23.1 | 22.0 | 18.6 | 15.8         | 82.8   | 0.0         | 17.1              | 0.4        | 4.2           | ESE        | 0.0               |           |
| 07   | 20    | 22.7            | 28.0       | 19.5       | 23.8             | 23.4 | 23.1 | 22.2 | 18.8 | 15.9         | 84.0   | 0.0         | 13.7              | 0.5        | 4.6           | ESE        | 0.0               |           |
| 07   | 21    | 18.4            | 19.9       | 17.3       | 22.5             | 22.7 | 22.8 | 22.3 | 18.9 | 16.0         | 98.3   | 6.5         | 4.0               | 0.2        | 3.3           | ESE        | 0.0               |           |
| 07   | 22    | 17.1            | 19.0       | 15.7       | 21.3             | 21.5 | 22.1 | 22.2 | 19.0 | 16.0         | 99.4   | 6.5         | 4.6               | 0.0        | 3.2           | ESE        | 0.0               |           |
| 07   | 23    | 16.8            | 20.5       | 15.3       | 21.0             | 21.1 | 21.6 | 22.1 | 19.1 | 16.1         | 97.4   | 1.0         | 6.8               | 0.2        | 4.8           | ESE        | 0.0               |           |
| 07   | 24    | 19.5            | 25.8       | 15.1       | 21.7             | 21.4 | 21.5 | 21.9 | 19.2 | 16.2         | 89.2   | 0.0         | 17.5              | 0.4        | 5.5           | ESE        | 0.0               |           |
| 07   | 25    | 21.0            | 27.1       | 17.0       | 22.6             | 22.2 | 22.0 | 21.8 | 19.2 | 16.3         | 87.1   | 0.0         | 18.6              | 0.5        | 5.5           | ESE        | 0.0               |           |
| 07   | 26    | 18.9            | 19.7       | 18.3       | 21.7             | 21.8 | 22.0 | 21.9 | 19.2 | 16.3         | 99.1   | 9.0         | 2.1               | 0.0        | 2.3           | E          | 0.0               |           |
| 07   | 27    | 19.6            | 21.9       | 17.3       | 21.5             | 21.4 | 21.7 | 21.9 | 19.2 | 16.4         | 96.3   | 0.5         | 6.4               | 0.1        | 3.1           | ESE        | 0.0               |           |
| 07   | 28    | 22.3            | 28.2       | 18.4       | 22.5             | 22.0 | 21.8 | 21.8 | 19.2 | 16.5         | 89.0   | 0.5         | 15.0              | 0.4        | 5.5           | ESE        | 0.0               |           |
| 07   | 29    | 23.0            | 29.7       | 17.8       | 23.1             | 22.5 | 22.3 | 21.9 | 19.3 | 16.6         | 84.2   | 0.0         | 17.9              | 0.4        | 4.1           | SE         | 0.0               |           |
| 07   | 30    | 23.7            | 31.2       | 17.9       | 23.5             | 23.0 | 22.6 | 22.0 | 19.3 | 16.7         | 77.0   | 0.0         | 23.3              | 0.4        | 4.1           | SSE        | 0.0               |           |
| 07   | 31    | 23.9            | 30.3       | 17.3       | 23.4             | 23.1 | 22.8 | 22.2 | 19.4 | 16.8         | 74.7   | 0.0         | 22.2              | 0.6        | 4.8           | ESE        | 0.0               |           |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 69.5        |                   |            |               |            |                   |           |
| 平均   | Mean  | 21.5            | 26.9       | 17.7       | 22.5             | 22.2 | 21.9 | 21.4 | 18.2 | 15.6         | 88.7   | 2.2         | 12.9              | 0.2        | 4.0           |            | 0.0               |           |
| 最大   | Max.  | 25.0            | 34.1       | 20.6       |                  |      |      |      |      |              |        | 20.0        |                   |            |               |            | 0.0               |           |
| 最低   | Min.  | 16.8            | 19.0       | 15.1       |                  |      |      |      |      |              |        | 0.0         |                   | 0.0        |               |            | 0.0               |           |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 3,11

降水量 (precipitation): 3,11

2016年 08月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 24.0            | 30.2       | 19.6       | 23.9             | 23.4 | 23.1 | 22.4 | 19.5 | 16.9         | 82.7   | 1.0         | 16.1              | 0.4           | 5.4        | ESE        | 0.0               |
| 08   | 2     | 21.4            | 27.0       | 17.9       | 22.4             | 22.6 | 22.9 | 22.7 | 19.5 | 16.9         | 94.0   | 117.5       | 9.2               | 0.2           | 6.4        | E          | 0.0               |
| 08   | 3     | 21.7            | 28.2       | 17.4       | 21.7             | 21.5 | 21.8 | 22.9 | 20.2 | 17.3         | 91.1   | 0.0         | 13.7              | 0.2           | 4.2        | SE         | 0.0               |
| 08   | 4     | 24.0            | 31.1       | 18.2       | 23.2             | 22.7 | 22.6 | 22.7 | 20.3 | 17.4         | 83.9   | 0.0         | 18.5              | 0.4           | 5.9        | SE         | 0.0               |
| 08   | 5     | 24.8            | 32.2       | 19.5       | 23.9             | 23.4 | 23.1 | 22.8 | 20.3 | 17.5         | 82.7   | 0.0         | 17.8              | 0.3           | 3.6        | S          | 0.0               |
| 08   | 6     | 25.4            | 32.0       | 19.9       | 24.2             | 23.8 | 23.5 | 23.0 | 20.3 | 17.5         | 77.6   | 0.0         | 19.8              | 0.5           | 4.9        | S          | 0.0               |
| 08   | 7     | 24.6            | 30.0       | 20.1       | 24.3             | 24.0 | 23.8 | 23.2 | 20.4 | 17.6         | 80.1   | 0.0         | 17.0              | 0.4           | 4.7        | SE         | 0.0               |
| 08   | 8     | 23.8            | 30.1       | 18.0       | 23.8             | 23.7 | 23.7 | 23.3 | 20.5 | 17.7         | 76.9   | 0.0         | 16.4              | 0.5           | 5.3        | SE         | 0.0               |
| 08   | 9     | 27.5            | 34.2       | 21.3       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 08   | 10    | 24.3            | 30.8       | 19.1       | 24.3             | 24.1 | 23.9 | 23.4 | 20.7 | 17.9         | 78.4   | 0.0         | 17.9              | 0.6           | 4.8        | ESE        | 0.0               |
| 08   | 11    | 23.3            | 28.6       | 19.8       | 24.3             | 24.2 | 24.1 | 23.5 | 20.8 | 17.9         | 83.4   | 0.0         | 14.2              | 0.6           | 5.0        | ESE        | 0.0               |
| 08   | 12    | 21.9            | 25.4       | 19.3       | 23.8             | 23.9 | 24.0 | 23.6 | 20.9 | 18.0         | 87.7   | 0.0         | 8.4               | 0.3           | 4.6        | ESE        | 0.0               |
| 08   | 13    | 23.1            | 29.6       | 18.9       | 24.0             | 23.9 | 23.8 | 23.6 | 21.0 | 18.1         | 82.5   | 0.0         | 17.2              | 0.5           | 5.2        | ESE        | 0.0               |
| 08   | 14    | 21.4            | 27.5       | 18.1       | 23.7             | 23.8 | 23.9 | 23.6 | 21.0 | 18.1         | 87.4   | 0.0         | 13.9              | 0.5           | 3.9        | ESE        | 0.0               |
| 08   | 15    | 21.0            | 24.1       | 19.4       | 23.3             | 23.5 | 23.7 | 23.6 | 21.1 | 18.2         | 93.2   | 3.0         | 6.9               | 0.3           | 4.6        | ESE        | 0.0               |
| 08   | 16    | 21.0            | 26.1       | 18.6       | 22.9             | 23.0 | 23.4 | 23.5 | 21.0 | 18.2         | 94.3   | 20.0        | 7.8               | 0.1           | 4.8        | SE         | 0.0               |
| 08   | 17    | 23.5            | 31.9       | 18.5       | 23.0             | 22.8 | 23.0 | 23.4 | 20.9 | 18.2         | 89.1   | 29.5        | 14.0              | 0.4           | 5.3        | ENE        | 0.0               |
| 08   | 18    | 22.3            | 27.5       | 20.3       | 22.9             | 22.8 | 23.0 | 23.4 | 20.9 | 18.1         | 96.7   | 29.0        | 7.9               | 0.2           | 4.8        | ESE        | 0.0               |
| 08   | 19    | 22.2            | 27.1       | 20.4       | 23.1             | 22.9 | 23.1 | 23.4 | 20.9 | 18.2         | 94.6   | 7.0         | 9.6               | 0.1           | 2.8        | E          | 0.0               |
| 08   | 20    | 20.9            | 23.0       | 19.1       | 22.7             | 22.7 | 23.1 | 23.5 | 20.9 | 18.3         | 98.5   | 18.0        | 4.3               | 0.0           | 2.3        | E          | 0.0               |
| 08   | 21    | 23.4            | 29.9       | 18.0       | 23.3             | 22.9 | 23.1 | 23.5 | 21.1 | 18.5         | 89.7   | 0.5         | 18.0              | 0.3           | 4.6        | ESE        | 0.0               |
| 08   | 22    | 19.9            | 22.0       | 18.6       | 21.2             | 21.6 | 22.3 | 23.6 | 21.4 | 18.7         | 99.2   | 138.5       | 1.0               | 0.0           | 5.0        | W          | 0.0               |
| 08   | 23    | 21.6            | 29.2       | 17.5       | 21.0             | 20.8 | 21.3 | 23.2 | 21.9 | 19.4         | 90.9   | 7.0         | 13.7              | 0.3           | 5.6        | ESE        | 0.0               |
| 08   | 24    | 20.5            | 22.6       | 18.1       | 21.6             | 21.6 | 21.9 | 23.0 | 21.8 | 19.4         | 97.9   | 0.0         | 4.7               | 0.1           | 3.1        | ESE        | 0.0               |
| 08   | 25    | 22.6            | 28.1       | 18.9       | 22.5             | 22.1 | 22.3 | 23.0 | 21.7 | 19.5         | 91.3   | 0.0         | 13.6              | 0.4           | 3.7        | ESE        | 0.0               |
| 08   | 26    | 23.3            | 29.0       | 19.1       | 23.3             | 22.8 | 22.8 | 23.1 | 21.6 | 19.5         | 86.9   | 0.0         | 18.0              | 0.4           | 3.8        | SSE        | 0.0               |
| 08   | 27    | 19.9            | 21.5       | 17.9       | 22.2             | 22.4 | 22.8 | 23.2 | 21.5 | 19.5         | 97.9   | 37.5        | 2.5               | 0.1           | 4.0        | E          | 0.0               |
| 08   | 28    | 18.1            | 19.6       | 17.2       | 21.2             | 21.5 | 22.2 | 23.3 | 21.6 | 19.6         | 99.3   | 14.5        | 4.0               | 0.1           | 3.9        | ESE        | 0.0               |
| 08   | 29    | 20.4            | 26.1       | 17.8       | 21.5             | 21.5 | 22.0 | 23.1 | 21.6 | 19.7         | 96.9   | 44.0        | 10.1              | 0.1           | 4.3        | ESE        | 0.0               |
| 08   | 30    | 19.2            | 21.5       | 14.2       | 20.5             | 20.6 | 21.1 | 22.7 | 21.8 | 20.2         | 98.6   | 131.5       | 4.3               | 0.2           | 6.4        | E          | 0.0               |
| 08   | 31    | 18.9            | 27.2       | 13.1       | 20.4             | 20.5 | 21.1 | 22.5 | 21.9 | 20.6         | 85.6   | 0.0         | 18.5              | 0.4           | 4.1        | SW         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 598.5       |                   |               |            |            |                   |
| 平均   | Mean  | 22.3            | 27.5       | 18.5       | 22.8             | 22.7 | 22.9 | 23.2 | 20.9 | 18.4         | 89.6   | 19.3        | 12.0              | 0.3           | 4.6        |            | 0.0               |
| 最大   | Max.  | 27.5            | 34.2       | 21.3       |                  |      |      |      |      |              |        | 138.5       |                   |               |            |            | 0.0               |
| 最低   | Min.  | 18.1            | 19.6       | 13.1       |                  |      |      |      |      |              |        | 0.0         |                   | 0.0           |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 9

降水量 (precipitation): 9

2016年 09月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 20.2            | 28.8       | 13.8       | 20.8             | 20.8 | 21.3 | 22.5 | 21.8 | 20.6         | 76.2   | 0.0         | 20.2              | 0.4           | 4.0        | S          | 0.0               |
| 09   | 2     | 21.3            | 27.8       | 15.7       | 21.5             | 21.3 | 21.6 | 22.5 | 21.7 | 20.6         | 83.0   | 0.0         | 17.3              | 0.4           | 4.1        | SE         | 0.0               |
| 09   | 3     | 21.8            | 26.9       | 18.0       | 22.1             | 21.8 | 22.0 | 22.5 | 21.7 | 20.5         | 86.8   | 0.5         | 13.4              | 0.4           | 4.0        | ESE        | 0.0               |
| 09   | 4     | 21.1            | 25.1       | 18.7       | 22.2             | 22.1 | 22.2 | 22.7 | 21.6 | 20.5         | 95.1   | 2.0         | 6.7               | 0.1           | 3.7        | SSE        | 0.0               |
| 09   | 5     | 22.3            | 27.9       | 17.5       | 22.5             | 22.2 | 22.4 | 22.8 | 21.6 | 20.5         | 88.2   | 0.0         | 14.5              | 0.4           | 4.3        | SSE        | 0.0               |
| 09   | 6     | 23.4            | 30.7       | 18.3       | 23.0             | 22.6 | 22.7 | 22.9 | 21.6 | 20.5         | 84.8   | 0.0         | 15.8              | 0.5           | 4.0        | SSW        | 0.0               |
| 09   | 7     | 23.5            | 29.7       | 19.5       | 23.3             | 23.0 | 23.0 | 23.0 | 21.6 | 20.5         | 86.8   | 0.5         | 14.1              | 0.4           | 4.3        | S          | 0.0               |
| 09   | 8     | 20.7            | 23.1       | 18.7       | 22.4             | 22.4 | 22.8 | 23.2 | 21.4 | 20.3         | 99.0   | 31.5        | 4.6               | 0.1           | 4.7        | ESE        | 0.0               |
| 09   | 9     | 21.1            | 26.8       | 16.8       | 22.3             | 22.4 | 22.7 | 23.2 | 21.5 | 20.3         | 89.8   | 0.0         | 13.3              | 0.3           | 4.1        | SE         | 0.0               |
| 09   | 10    | 21.4            | 27.0       | 17.7       | 22.6             | 22.5 | 22.7 | 23.2 | 21.6 | 20.3         | 85.0   | 0.0         | 16.9              | 0.4           | 3.7        | SE         | 0.0               |
| 09   | 11    | 20.2            | 24.4       | 17.0       | 22.2             | 22.3 | 22.7 | 23.2 | 21.6 | 20.3         | 89.6   | 0.0         | 8.4               | 0.4           | 4.2        | ESE        | 0.0               |
| 09   | 12    | 19.0            | 21.4       | 17.9       | 21.7             | 21.9 | 22.5 | 23.2 | 21.6 | 20.3         | 95.5   | 0.5         | 2.7               | 0.1           | 3.4        | ESE        | 0.0               |
| 09   | 13    | 18.9            | 21.1       | 17.6       | 20.6             | 20.9 | 21.7 | 23.0 | 21.6 | 20.2         | 98.8   | 43.5        | 4.2               | 0.0           | 3.2        | E          | 0.0               |
| 09   | 14    | 19.1            | 21.2       | 17.3       | 20.9             | 21.0 | 21.5 | 22.8 | 21.6 | 20.3         | 97.5   | 0.5         | 4.9               | 0.0           | 2.9        | ESE        | 0.0               |
| 09   | 15    | 19.7            | 22.8       | 17.4       | 21.2             | 21.2 | 21.7 | 22.7 | 21.6 | 20.3         | 94.9   | 0.5         | 6.9               | 0.1           | 3.3        | E          | 0.0               |
| 09   | 16    | 18.1            | 20.8       | 16.1       | 20.8             | 21.1 | 21.6 | 22.6 | 21.6 | 20.3         | 96.4   | 0.0         | 3.8               | 0.2           | 3.4        | ESE        | 0.0               |
| 09   | 17    | 19.8            | 26.7       | 15.1       | 21.5             | 21.3 | 21.6 | 22.5 | 21.5 | 20.4         | 87.1   | 0.0         | 12.2              | 0.2           | 3.4        | SW         | 0.0               |
| 09   | 18    | 18.6            | 19.8       | 18.0       | 21.1             | 21.3 | 21.7 | 22.5 | 21.4 | 20.3         | 99.4   | 15.5        | 2.1               | 0.0           | 2.3        | E          | 0.0               |
| 09   | 19    | 17.5            | 18.8       | 15.5       | 20.2             | 20.6 | 21.3 | 22.5 | 21.3 | 20.3         | 100.0  | 37.0        | 1.9               | 0.0           | 2.2        | ESE        | 0.0               |
| 09   | 20    | 15.1            | 16.2       | 13.9       | 17.9             | 18.7 | 20.0 | 22.1 | 21.3 | 20.4         | 100.0  | 93.0        | 2.1               | 0.0           | 4.8        | E          | 0.0               |
| 09   | 21    | 14.6            | 15.5       | 13.6       | 17.1             | 17.5 | 18.6 | 21.3 | 21.4 | 20.7         | 99.9   | 2.0         | 2.2               | 0.0           | 2.1        | E          | 0.0               |
| 09   | 22    | 15.6            | 16.8       | 14.5       |                  |      |      |      |      |              |        | 14.5        |                   |               |            |            | 0.0               |
| 09   | 23    | 16.7            | 18.3       | 15.2       | 18.3             | 18.3 | 18.9 | 20.7 | 21.1 | 20.7         | 100.0  | 10.0        | 2.2               |               |            |            | 0.0               |
| 09   | 24    | 16.5            | 17.8       | 14.6       | 18.6             | 18.7 | 19.1 | 20.6 | 20.9 | 20.7         | 100.0  | 2.5         | 1.8               | 0.0           | 4.9        | NNW        | 0.0               |
| 09   | 25    | 18.7            | 25.4       | 12.8       | 19.8             | 19.3 | 19.3 | 20.6 | 20.7 | 20.7         | 89.4   | 0.0         | 15.4              | 0.2           | 3.4        | SE         | 0.0               |
| 09   | 26    | 20.4            | 26.0       | 17.2       | 21.0             | 20.4 | 20.2 | 20.7 | 20.6 | 20.6         | 91.6   | 0.0         | 9.5               | 0.3           | 3.7        | ESE        | 0.0               |
| 09   | 27    | 21.4            | 26.8       | 18.4       | 22.2             | 21.4 | 20.9 | 20.9 | 20.5 | 20.6         | 91.7   | 0.0         | 0.7               | 0.2           | 3.3        | ESE        | 0.0               |
| 09   | 28    | 20.8            | 25.8       | 17.5       | 21.6             | 21.4 | 21.3 | 21.2 | 20.4 | 20.5         | 93.0   | 4.0         | 6.3               | 0.1           | 3.4        | ESE        | 0.0               |
| 09   | 29    | 19.4            | 22.6       | 15.3       | 21.5             | 21.3 | 21.3 | 21.5 | 20.4 | 20.5         | 96.2   | 0.0         | 4.3               | 0.3           | 4.5        | E          | 0.0               |
| 09   | 30    | 14.7            | 15.5       | 13.5       | 19.7             | 20.2 | 20.9 | 21.6 | 20.4 | 20.4         | 96.1   | 0.0         | 2.8               | 0.2           | 3.3        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 258.0       |                   |               |            |            |                   |
| 平均   | Mean  | 19.4            | 23.2       | 16.4       | 21.0             | 21.0 | 21.4 | 22.2 | 21.3 | 20.4         | 92.8   | 8.6         | 8.0               | 0.2           | 3.7        |            | 0.0               |
| 最大   | Max.  | 23.5            | 30.7       | 19.5       |                  |      |      |      |      |              | 100.0  | 93.0        |                   |               |            |            | 0.0               |
| 最低   | Min.  | 14.6            | 15.5       | 12.8       |                  |      |      |      |      |              |        | 0.0         |                   | 0.0           |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 22

降水量 (precipitation): 22

2016年 10月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 16.0            | 19.0       | 13.8       | 19.3             | 19.5 | 20.2 | 21.4 | 20.4 | 20.4         | 96.1   | 0.5         | 4.8               | 0.1           | 3.4        | ESE        | 0.0               |
| 10   | 2     | 19.5            | 26.0       | 15.3       | 20.4             | 20.0 | 20.3 | 21.2 | 20.4 | 20.3         | 91.4   | 0.0         | 8.8               | 0.2           | 5.1        | SE         | 0.0               |
| 10   | 3     | 17.8            | 19.3       | 15.5       | 20.1             | 20.3 | 20.6 | 21.2 | 20.4 | 20.2         | 98.9   | 3.5         | 1.8               | 0.0           | 2.4        | W          | 0.0               |
| 10   | 4     | 19.6            | 28.1       | 14.4       | 20.5             | 20.2 | 20.4 | 21.2 | 20.4 | 20.2         | 84.7   | 0.0         | 13.9              | 0.2           | 3.4        | SSW        | 0.0               |
| 10   | 5     | 17.1            | 23.5       | 13.6       | 19.7             | 20.0 | 20.4 | 21.2 | 20.3 | 20.2         | 92.4   | 0.0         | 6.9               | 1.3           | 14.8       | ESE        | 0.0               |
| 10   | 6     | 20.8            | 28.5       | 16.4       | 20.6             | 20.3 | 20.4 | 21.1 | 20.3 | 20.1         | 73.5   | 0.0         | 14.6              | 0.8           | 5.5        | E          | 0.0               |
| 10   | 7     | 15.6            | 21.6       | 11.2       | 19.8             | 20.1 | 20.5 | 21.2 | 20.3 | 20.1         | 74.5   | 0.0         | 13.4              | 0.8           | 5.3        | SW         | 0.0               |
| 10   | 8     | 16.9            | 24.5       | 12.3       | 19.5             | 19.5 | 20.0 | 21.1 | 20.3 | 20.1         | 88.4   | 0.5         | 10.8              | 0.6           | 7.7        | E          | 0.0               |
| 10   | 9     | 17.1            | 21.6       | 11.6       | 19.2             | 19.5 | 20.0 | 21.0 | 20.2 | 20.0         | 87.6   | 8.0         | 3.9               | 0.6           | 7.8        | N          | 0.0               |
| 10   | 10    | 12.6            | 16.0       | 10.6       | 17.9             | 18.4 | 19.4 | 20.9 | 20.2 | 20.0         | 89.1   | 0.0         | 6.0               | 0.3           | 4.0        | ESE        | 0.0               |
| 10   | 11    | 10.5            | 11.8       | 9.3        | 16.7             | 17.5 | 18.7 | 20.6 | 20.2 | 19.9         | 97.7   | 0.5         | 2.6               | 0.1           | 3.1        | ESE        | 0.0               |
| 10   | 12    | 12.5            | 20.7       | 7.4        | 16.6             | 17.1 | 18.1 | 20.2 | 20.1 | 19.9         | 82.6   | 0.0         | 13.0              | 0.4           | 3.9        | SSW        | 0.0               |
| 10   | 13    | 10.1            | 12.1       | 8.4        | 15.6             | 16.6 | 17.8 | 19.9 | 20.1 | 19.9         | 94.1   | 0.0         | 2.8               | 0.2           | 3.4        | ESE        | 0.0               |
| 10   | 14    | 10.8            | 16.5       | 6.3        | 15.8             | 16.3 | 17.3 | 19.6 | 19.9 | 19.8         | 86.8   | 0.0         | 11.3              | 0.3           | 3.6        | SSE        | 0.0               |
| 10   | 15    | 11.5            | 20.2       | 5.8        |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 10   | 16    | 12.8            | 21.1       | 6.5        | 15.5             | 16.0 | 16.9 | 19.0 | 19.7 | 19.8         | 80.3   | 0.0         | 13.3              | 0.5           | 4.4        | SW         | 0.0               |
| 10   | 17    | 13.1            | 15.5       | 11.2       | 15.4             | 15.9 | 16.8 | 18.8 | 19.4 | 19.7         | 97.8   | 15.5        | 2.4               | 0.0           | 2.6        | ENE        | 0.0               |
| 10   | 18    | 17.6            | 25.6       | 11.9       | 17.1             | 16.8 | 17.0 | 18.6 | 19.3 | 19.7         | 86.2   | 0.0         | 14.7              | 0.5           | 3.7        | SW         | 0.0               |
| 10   | 19    | 16.8            | 21.7       | 13.6       | 17.9             | 17.8 | 17.8 | 18.7 | 19.1 | 19.6         | 90.6   | 0.0         | 8.7               | 0.5           | 4.3        | ESE        | 0.0               |
| 10   | 20    | 16.2            | 24.9       | 10.4       | 17.8             | 17.9 | 18.0 | 18.8 | 19.0 | 19.6         | 80.9   | 0.0         | 14.8              | 0.6           | 4.9        | SW         | 0.0               |
| 10   | 21    | 12.0            | 19.0       | 7.1        | 16.1             | 16.9 | 17.7 | 18.9 | 19.0 | 19.5         | 77.2   | 0.0         | 10.3              | 0.3           | 4.2        | WSW        | 0.0               |
| 10   | 22    | 11.4            | 17.8       | 6.8        | 15.3             | 16.0 | 17.0 | 18.8 | 18.9 | 19.5         | 88.3   | 0.0         | 9.5               | 0.4           | 4.9        | SE         | 0.0               |
| 10   | 23    | 12.5            | 20.2       | 8.9        | 15.2             | 15.9 | 16.7 | 18.5 | 18.9 | 19.5         | 83.5   | 0.0         | 7.7               | 0.3           | 4.5        | ESE        | 0.0               |
| 10   | 24    | 10.0            | 17.2       | 4.8        | 14.7             | 15.5 | 16.4 | 18.3 | 18.8 | 19.4         | 79.3   | 0.0         | 13.5              | 0.5           | 4.7        | SSE        | 0.0               |
| 10   | 25    | 7.4             | 11.6       | 3.7        | 12.9             | 14.2 | 15.7 | 18.1 | 18.7 | 19.4         | 87.9   | 1.0         | 4.8               | 0.5           | 8.0        | ESE        | 0.0               |
| 10   | 26    | 15.5            | 24.5       | 6.8        | 14.6             | 14.7 | 15.4 | 17.7 | 18.6 | 19.3         | 83.6   | 0.0         | 14.1              | 0.4           | 5.1        | S          | 0.0               |
| 10   | 27    | 13.4            | 19.8       | 7.4        |                  |      |      |      |      |              |        | 0.5         |                   |               |            |            | 0.0               |
| 10   | 28    | 8.2             | 10.3       | 6.6        | 13.2             | 14.3 | 15.6 | 17.6 | 18.3 | 19.2         | 91.0   | 11.5        | 1.6               | 0.1           | 3.3        | E          | 0.0               |
| 10   | 29    | 12.2            | 19.0       | 6.7        | 14.0             | 14.3 | 15.0 | 17.3 | 18.1 | 19.1         | 78.5   | 0.0         | 11.4              | 0.8           | 7.7        | SW         | 0.0               |
| 10   | 30    | 7.5             | 11.3       | 5.9        | 13.4             | 14.1 | 15.1 | 17.1 | 18.0 | 19.0         | 87.7   | 0.0         | 4.8               | 0.1           | 4.7        | ESE        | 0.0               |
| 10   | 31    | 8.7             | 13.2       | 5.1        | 13.0             | 13.7 | 14.7 | 17.0 | 17.9 | 19.0         | 87.8   | 0.0         | 7.4               | 0.3           | 4.3        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 41.5        |                   |               |            |            |                   |
| 平均   | Mean  | 13.7            | 19.4       | 9.5        | 16.8             | 17.2 | 17.9 | 19.5 | 19.5 | 19.7         | 86.8   | 1.3         | 8.7               | 0.4           | 5.0        |            | 0.0               |
| 最大   | Max.  | 20.8            | 28.5       | 16.4       |                  |      |      |      |      |              |        | 15.5        |                   |               |            |            | 0.0               |
| 最低   | Min.  | 7.4             | 10.3       | 3.7        |                  |      |      |      |      |              |        | 0.0         |                   | 0.0           |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 15,27

降水量 (precipitation): 15,27

2016年 11月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 9.5             | 17.4       | 6.3        | 13.1             | 13.6 | 14.6 | 16.7 | 17.8 | 18.9         | 85.4   | 1.5         | 7.0               | 0.2           | 4.7        | ESE        | 0.0               |
| 11   | 2     | 6.1             | 7.9        | 5.0        | 12.1             | 13.0 | 14.3 | 16.6 | 17.7 | 18.9         | 85.8   | 0.0         | 2.1               | 0.1           | 2.7        | ESE        | 0.0               |
| 11   | 3     | 8.2             | 17.2       | 2.8        | 12.1             | 12.8 | 13.8 | 16.3 | 17.6 | 18.8         | 74.9   | 0.0         | 12.9              | 0.6           | 5.5        | S          | 0.0               |
| 11   | 4     | 7.5             | 16.1       | 1.7        | 11.2             | 12.2 | 13.5 | 16.1 | 17.4 | 18.8         | 70.2   | 0.0         | 12.9              | 0.6           | 3.9        | SSW        | 0.0               |
| 11   | 5     | 9.2             | 19.0       | 2.3        | 11.3             | 12.1 | 13.2 | 15.8 | 17.3 | 18.7         | 76.2   | 0.0         | 12.9              | 0.4           | 4.4        | SSW        | 0.0               |
| 11   | 6     | 9.9             | 18.8       | 3.8        | 11.5             | 12.3 | 13.2 | 15.6 | 17.1 | 18.7         | 69.7   | 0.0         | 11.9              | 0.6           | 4.9        | SSW        | 0.0               |
| 11   | 7     | 6.4             | 12.0       | 3.4        | 11.5             | 12.2 | 13.2 | 15.4 | 17.0 | 18.6         | 82.7   | 0.0         | 10.2              | 0.4           | 5.3        | SE         | 0.0               |
| 11   | 8     | 6.7             | 15.1       | 1.4        | 10.9             | 11.7 | 12.8 | 15.3 | 16.8 | 18.5         | 86.2   | 0.5         | 7.3               | 0.3           | 4.4        | SSE        | 0.0               |
| 11   | 9     | 5.2             | 12.3       | -1.7       | 10.8             | 11.7 | 12.7 | 15.1 | 16.7 | 18.4         | 67.3   | 0.5         | 12.7              | 1.0           | 8.2        | WSW        | 0.0               |
| 11   | 10    | 2.3             | 7.0        | -1.8       | 8.9              | 10.3 | 12.0 | 14.9 | 16.6 | 18.4         | 77.7   | 1.0         | 4.4               | 0.3           | 4.0        | SE         | 0.0               |
| 11   | 11    | 5.2             | 8.2        | 2.0        | 8.0              | 9.1  | 10.7 | 14.4 | 16.4 | 18.3         | 99.1   | 28.5        | 2.2               | 0.1           | 3.5        | WSW        | 0.0               |
| 11   | 12    | 8.6             | 16.9       | 4.2        | 9.5              | 9.9  | 10.8 | 13.8 | 16.2 | 18.2         | 88.0   | 0.0         | 11.7              | 0.4           | 4.0        | SSW        | 0.0               |
| 11   | 13    | 9.1             | 18.3       | 3.1        | 9.8              | 10.4 | 11.2 | 13.7 | 15.9 | 18.1         | 73.5   | 0.0         | 11.6              | 0.4           | 3.3        | SW         | 0.0               |
| 11   | 14    | 9.2             | 13.3       | 6.3        | 10.2             | 10.6 | 11.4 | 13.6 | 15.7 | 18.0         | 87.6   | 4.5         | 3.9               | 0.3           | 4.6        | E          | 0.0               |
| 11   | 15    | 11.7            | 18.7       | 6.6        | 11.5             | 11.5 | 11.8 | 13.6 | 15.5 | 17.9         | 92.8   | 3.0         | 7.1               | 0.1           | 2.5        | SW         | 0.0               |
| 11   | 16    | 6.9             | 14.9       | 2.4        | 10.5             | 11.2 | 12.0 | 13.7 | 15.4 | 17.8         | 81.1   | 0.0         | 11.4              | 0.5           | 4.5        | S          | 0.0               |
| 11   | 17    | 7.3             | 17.4       | 2.2        | 9.8              | 10.6 | 11.6 | 13.6 | 15.2 | 17.8         | 79.0   | 0.0         | 10.3              | 0.5           | 4.9        | S          | 0.0               |
| 11   | 18    | 5.1             | 12.8       | -0.3       | 8.9              | 9.9  | 11.2 | 13.5 | 15.1 | 17.7         | 78.5   | 0.0         | 11.0              | 0.5           | 4.9        | S          | 0.0               |
| 11   | 19    | 6.6             | 8.8        | 3.4        | 8.9              | 9.6  | 10.8 | 13.3 | 15.0 | 17.6         | 97.5   | 7.0         | 1.5               | 0.1           | 4.7        | E          | 0.0               |
| 11   | 20    | 11.4            | 18.1       | 7.1        | 10.0             | 10.1 | 10.8 | 13.1 | 14.9 | 17.5         | 88.9   | 0.0         | 8.1               | 0.2           | 3.4        | SSW        | 0.0               |
| 11   | 21    | 8.1             | 10.3       | 6.7        | 9.9              | 10.4 | 11.2 | 13.0 | 14.7 | 17.4         | 98.4   | 1.0         | 1.7               | 0.2           | 3.2        | E          | 0.0               |
| 11   | 22    | 11.9            | 19.7       | 7.0        | 11.2             | 11.0 | 11.3 | 13.0 | 14.6 | 17.3         | 89.5   | 0.0         | 10.0              | 0.3           | 4.8        | S          | 0.0               |
| 11   | 23    | 5.8             | 8.9        | 2.0        | 10.5             | 11.1 | 11.7 | 13.1 | 14.5 | 17.2         | 82.5   | 0.0         | 2.8               | 0.3           | 3.6        | ESE        | 0.0               |
| 11   | 24    | -0.5            | 2.4        | -2.8       | 7.9              | 9.3  | 10.9 | 13.1 | 14.4 | 17.1         | 96.6   | 12.0        | 0.3               | 0.0           | 1.7        | E          | 0.0               |
| 11   | 25    | 0.4             | 6.4        | -3.7       | 6.6              | 7.9  | 9.7  | 12.8 | 14.4 | 17.0         | 92.0   | 0.5         | 9.2               | 0.3           | 3.6        | S          | 13.0              |
| 11   | 26    | 2.3             | 9.0        | -1.6       | 6.2              | 7.3  | 8.9  | 12.2 | 14.3 | 17.0         | 91.2   | 0.0         | 8.4               | 0.4           | 4.6        | S          | 0.0               |
| 11   | 27    | 6.5             | 13.4       | 1.5        | 7.8              | 8.1  | 9.0  | 11.8 | 14.1 | 16.9         | 95.0   | 10.0        | 4.9               | 0.1           | 4.1        | WSW        | 0.0               |
| 11   | 28    | 5.4             | 12.2       | -0.3       | 8.2              | 8.7  | 9.4  | 11.6 | 13.9 | 16.7         | 84.6   | 1.5         | 6.2               | 0.5           | 6.8        | W          | 0.0               |
| 11   | 29    | 3.3             | 12.2       | -1.0       | 6.8              | 7.8  | 9.0  | 11.5 | 13.7 | 16.7         | 74.1   | 0.0         | 10.3              | 0.6           | 5.7        | WSW        | 0.0               |
| 11   | 30    | 1.9             | 7.6        | -2.6       | 5.9              | 7.0  | 8.5  | 11.3 | 13.5 | 16.6         | 81.3   | 0.0         | 7.6               | 0.4           | 5.4        | SSE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 71.5        |                   |               |            |            |                   |
| 平均   | Mean  | 6.6             | 13.1       | 2.2        | 9.7              | 10.4 | 11.5 | 13.9 | 15.6 | 17.9         | 84.2   | 2.4         | 7.8               | 0.4           | 4.4        |            | 0.4               |
| 最大   | Max.  | 11.9            | 19.7       | 7.1        | 13.1             | 13.6 | 14.6 | 16.7 | 17.8 | 18.9         | 99.1   | 28.5        | 12.9              | 1.0           | 8.2        |            | 13.0              |
| 最低   | Min.  | -0.5            | 2.4        | -3.7       | 5.9              | 7.0  | 8.5  | 11.3 | 13.5 | 16.6         | 67.3   | 0.0         | 0.3               | 0.0           | 1.7        |            | 0.0               |

2016年 12月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 6.6             | 16.1       | 1.1        | 7.5              | 7.7 | 8.5 | 11.1 | 13.4 | 16.5         | 85.7   | 0.5         | 7.8               | 0.4           | 4.9        | NW         | 0.0               |
| 12   | 2     | 4.9             | 14.3       | 1.2        |                  |     |     |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 3     | 5.4             | 14.9       | 0.2        | 6.7              | 7.5 | 8.5 | 10.9 | 13.1 | 16.4         | 69.0   | 0.0         | 10.1              | 0.6           | 3.5        | SW         | 0.0               |
| 12   | 4     | 6.7             | 15.6       | 1.1        | 7.1              | 7.6 | 8.5 | 10.8 | 13.0 | 16.3         | 74.7   | 4.0         | 7.9               | 0.3           | 3.7        | SW         | 0.0               |
| 12   | 5     | 8.3             | 16.0       | 4.5        | 8.3              | 8.4 | 8.8 | 10.7 | 12.8 | 16.1         | 90.4   | 3.0         | 8.2               | 0.2           | 2.7        | SSW        | 0.0               |
| 12   | 6     | 5.4             | 13.4       | -1.4       | 7.8              | 8.4 | 9.0 | 10.7 | 12.7 | 16.0         | 74.7   | 0.0         | 7.1               | 0.9           | 9.2        | W          | 0.0               |
| 12   | 7     | 1.2             | 9.0        | -2.6       | 5.8              | 7.0 | 8.3 | 10.7 | 12.6 | 16.0         | 75.6   | 0.0         | 9.6               | 0.6           | 4.4        | S          | 0.0               |
| 12   | 8     | 2.9             | 12.1       | -1.3       | 5.5              | 6.5 | 7.8 | 10.5 | 12.5 | 15.9         | 72.8   | 0.0         | 8.7               | 0.5           | 4.0        | SSE        | 0.0               |
| 12   | 9     | 5.7             | 13.4       | -1.2       | 5.9              | 6.5 | 7.6 | 10.2 | 12.4 | 15.8         | 62.8   | 0.0         | 8.9               | 1.3           | 11.3       | WNW        | 0.0               |
| 12   | 10    | 3.4             | 10.3       | -2.7       | 5.7              | 6.5 | 7.6 | 10.0 | 12.3 | 15.7         | 60.4   | 0.0         | 9.2               | 0.9           | 5.1        | S          | 0.0               |
| 12   | 11    | 0.6             | 9.9        | -3.5       | 4.3              | 5.5 | 7.0 | 9.9  | 12.2 | 15.6         | 60.3   | 0.0         | 8.4               | 0.8           | 6.5        | SE         | 0.0               |
| 12   | 12    | 1.5             | 9.7        | -2.7       | 3.7              | 4.9 | 6.4 | 9.6  | 12.1 | 15.5         | 49.9   | 0.0         | 8.7               | 0.6           | 5.0        | SSE        | 0.0               |
| 12   | 13    | 3.8             | 11.1       | -2.2       | 3.9              | 4.7 | 6.1 | 9.3  | 11.9 | 15.4         | 77.5   | 3.0         | 2.1               | 0.6           | 8.1        | NNW        | 0.0               |
| 12   | 14    | 4.3             | 10.4       | -1.8       | 5.4              | 5.6 | 6.2 | 8.9  | 11.7 | 15.3         | 80.2   | 22.0        | 6.9               | 0.9           | 9.6        | W          | 0.0               |
| 12   | 15    | 0.1             | 8.3        | -3.8       | 4.0              | 5.0 | 6.2 | 8.8  | 11.5 | 15.3         | 69.5   | 0.0         | 9.6               | 0.6           | 5.0        | S          | 0.0               |
| 12   | 16    | -1.1            | 7.1        | -4.5       | 3.1              | 4.3 | 5.7 | 8.6  | 11.4 | 15.2         | 67.0   | 0.0         | 7.6               | 0.8           | 6.9        | W          | 0.0               |
| 12   | 17    | 1.5             | 11.4       | -5.1       | 2.6              | 3.7 | 5.2 | 8.4  | 11.2 | 15.1         | 57.2   | 0.0         | 9.6               | 1.2           | 11.6       | WNW        | 0.0               |
| 12   | 18    | 3.1             | 12.2       | -1.8       | 3.2              | 4.0 | 5.1 | 8.1  | 11.0 | 15.0         | 57.7   | 0.0         | 9.4               | 0.9           | 3.7        | WNW        | 0.0               |
| 12   | 19    | 5.1             | 14.9       | 0.9        | 4.0              | 4.5 | 5.3 | 7.9  | 10.9 | 14.9         | 56.1   | 0.0         | 9.5               | 0.8           | 3.7        | W          | 0.0               |
| 12   | 20    | 5.4             | 14.8       | 0.8        | 4.3              | 4.8 | 5.6 | 7.9  | 10.7 | 14.8         | 68.1   | 0.0         | 6.0               | 0.7           | 4.1        | NW         | 0.0               |
| 12   | 21    | 6.2             | 15.8       | 1.0        | 4.6              | 5.1 | 5.7 | 7.9  | 10.5 | 14.7         | 61.3   | 0.0         | 9.0               | 0.8           | 4.6        | W          | 0.0               |
| 12   | 22    | 9.6             | 16.1       | 3.5        | 5.5              | 5.5 | 6.1 | 7.9  | 10.4 | 14.6         | 77.0   | 20.5        | 1.6               | 2.2           | 13.6       | NNW        | 0.0               |
| 12   | 23    | 8.3             | 14.8       | 2.3        | 7.0              | 6.9 | 6.9 | 7.9  | 10.2 | 14.4         | 70.0   | 2.5         | 6.4               | 1.4           | 9.1        | WNW        | 0.0               |
| 12   | 24    | 3.0             | 9.7        | -2.0       | 5.0              | 5.8 | 6.6 | 8.1  | 10.1 | 14.3         | 59.1   | 0.0         | 8.6               | 1.2           | 7.6        | W          | 0.0               |
| 12   | 25    | 1.6             | 10.0       | -2.2       | 4.2              | 5.0 | 6.1 | 8.1  | 10.0 | 14.2         | 71.2   | 0.0         | 8.5               | 0.5           | 3.5        | SW         | 0.0               |
| 12   | 26    | 1.9             | 8.6        | -2.7       | 3.7              | 4.5 | 5.7 | 8.0  | 10.0 | 14.1         | 75.3   | 0.0         | 5.0               | 0.5           | 3.7        | WNW        | 0.0               |
| 12   | 27    | 7.6             | 12.2       | 1.4        | 5.7              | 5.5 | 5.9 | 7.8  | 9.9  | 14.0         | 83.1   | 18.0        | 1.7               | 2.7           | 19.6       | NW         | 0.0               |
| 12   | 28    | 0.1             | 6.2        | -4.8       | 4.4              | 5.3 | 6.1 | 7.8  | 9.8  | 13.9         | 58.9   | 0.0         | 9.2               | 1.2           | 9.5        | WSW        | 0.0               |
| 12   | 29    | 0.6             | 11.0       | -5.4       | 3.0              | 4.1 | 5.4 | 7.7  | 9.8  | 13.8         | 72.5   | 0.0         | 8.6               | 1.1           | 14.8       | W          | 0.0               |
| 12   | 30    | 0.7             | 8.8        | -3.8       | 3.5              | 4.2 | 5.1 | 7.5  | 9.7  | 13.7         | 60.1   | 0.0         | 9.8               | 0.8           | 7.5        | S          | 0.0               |
| 12   | 31    | 1.1             | 11.8       | -4.9       | 2.7              | 3.7 | 4.8 | 7.3  | 9.6  | 13.6         | 61.5   | 0.0         | 9.7               | 0.7           | 4.0        | W          | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 73.5        |                   |               |            |            |                   |
| 平均   | Mean  | 3.7             | 11.9       | -1.4       | 4.9              | 5.6 | 6.6 | 9.0  | 11.3 | 15.1         | 68.7   | 2.4         | 7.8               | 0.9           | 7.0        |            | 0.0               |
| 最大   | Max.  | 9.6             | 16.1       | 4.5        |                  |     |     |      |      |              |        | 22.0        |                   |               |            |            | 0.0               |
| 最低   | Min.  | -1.1            | 6.2        | -5.4       |                  |     |     |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 2

降水量 (precipitation): 2



2017年 01月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 3.1             | 12.6       | -1.4       | 3.2              | 3.8 | 4.7 | 7.1 | 9.5 | 13.5         | 63.8   | 0.0         | 9.7               | 0.8           | 4.0        | W          | 0.0               |
| 01   | 2     | 3.3             | 12.5       | -1.3       | 3.6              | 4.1 | 4.8 | 7.0 | 9.4 | 13.5         | 64.6   | 0.0         | 9.2               | 0.8           | 4.8        | W          | 0.0               |
| 01   | 3     | 2.6             | 10.9       | -1.8       | 3.4              | 4.0 | 4.8 | 6.9 | 9.3 | 13.4         | 62.6   | 0.0         | 8.5               | 1.1           | 8.1        | WNW        | 0.0               |
| 01   | 4     | 2.9             | 12.6       | -2.4       |                  |     |     |     |     |              |        | 0.0         |                   |               |            |            | 0.0               |
| 01   | 5     | 1.2             | 7.4        | -2.3       | 2.9              | 3.7 | 4.6 | 6.8 | 9.1 | 13.2         | 45.8   | 0.0         | 9.2               | 1.6           | 9.5        | W          | 0.0               |
| 01   | 6     | -0.4            | 7.9        | -4.8       | 2.4              | 3.3 | 4.3 | 6.7 | 9.0 | 13.1         | 56.6   | 0.0         | 9.3               | 0.7           | 4.4        | SSW        | 0.0               |
| 01   | 7     | 0.2             | 9.4        | -5.6       | 2.0              | 2.9 | 4.0 | 6.5 | 9.0 | 13.1         | 59.4   | 0.0         | 9.7               | 0.6           | 3.4        | SW         | 0.0               |
| 01   | 8     | -0.1            | 2.5        | -2.0       | 1.6              | 2.5 | 3.7 | 6.3 | 8.9 | 13.0         | 76.9   | 4.5         | 1.8               | 0.1           | 2.4        | WNW        | 20.0              |
| 01   | 9     | 2.1             | 9.4        | 0.0        | 2.0              | 2.6 | 3.6 | 6.1 | 8.8 | 12.9         | 94.2   | 13.0        | 6.5               | 0.3           | 4.0        | WNW        | 0.0               |
| 01   | 10    | 2.5             | 9.8        | -2.0       | 2.0              | 2.5 | 3.5 | 6.0 | 8.6 | 12.8         | 72.9   | 0.0         | 10.4              | 0.6           | 5.9        | S          | 0.0               |
| 01   | 11    | 0.8             | 9.0        | -3.5       | 1.8              | 2.5 | 3.4 | 5.8 | 8.5 | 12.7         | 58.5   | 0.0         | 10.4              | 0.7           | 5.9        | SSE        | 0.0               |
| 01   | 12    | 0.8             | 8.1        | -4.2       | 1.7              | 2.4 | 3.3 | 5.7 | 8.4 | 12.7         | 52.7   | 0.0         | 10.1              | 1.2           | 11.2       | WNW        | 0.0               |
| 01   | 13    | 0.9             | 8.2        | -2.6       | 1.5              | 2.2 | 3.2 | 5.6 | 8.3 | 12.6         | 52.0   | 0.0         | 6.4               | 1.0           | 10.0       | WNW        | 0.0               |
| 01   | 14    | -3.5            | 0.4        | -7.3       | 0.7              | 1.7 | 2.9 | 5.5 | 8.2 | 12.6         | 63.2   | 0.0         | 3.1               | 1.1           | 11.7       | WSW        | 0.5               |
| 01   | 15    | -4.7            | 0.4        | -8.1       | 0.4              | 1.3 | 2.5 | 5.3 | 8.1 | 12.5         | 53.8   | 0.0         | 6.5               | 1.4           | 7.1        | W          | 0.0               |
| 01   | 16    | -2.1            | 4.6        | -7.7       | 0.1              | 1.1 | 2.3 | 5.1 | 8.0 | 12.4         | 53.8   | 0.0         | 9.9               | 1.5           | 8.5        | W          | 0.0               |
| 01   | 17    | 0.6             | 7.1        | -3.7       | 0.6              | 1.3 | 2.2 | 4.9 | 7.9 | 12.3         | 57.0   | 0.0         | 8.1               | 0.9           | 5.5        | WNW        | 0.0               |
| 01   | 18    | -0.4            | 7.7        | -5.7       | 0.9              | 1.5 | 2.3 | 4.8 | 7.7 | 12.3         | 58.3   | 0.0         | 10.9              | 0.8           | 4.4        | WSW        | 0.0               |
| 01   | 19    | 0.6             | 8.7        | -3.9       | 1.4              | 1.8 | 2.5 | 4.7 | 7.6 | 12.2         | 68.2   | 0.0         | 8.1               | 0.5           | 4.9        | SSE        | 0.0               |
| 01   | 20    | -2.0            | 4.2        | -4.5       | 1.3              | 1.8 | 2.6 | 4.7 | 7.5 | 12.1         | 84.1   | 0.0         | 6.5               | 0.6           | 5.2        | SE         | 1.0               |
| 01   | 21    | -0.1            | 5.8        | -4.4       | 1.6              | 2.0 | 2.6 | 4.7 | 7.4 | 12.0         | 66.4   | 0.0         | 8.4               | 1.4           | 8.5        | W          | 0.0               |
| 01   | 22    | 1.1             | 10.1       | -5.7       | 1.7              | 2.1 | 2.7 | 4.7 | 7.3 | 12.0         | 52.7   | 0.0         | 11.1              | 1.8           | 10.8       | W          | 0.0               |
| 01   | 23    | -2.1            | 4.4        | -5.7       | 1.7              | 2.2 | 2.8 | 4.7 | 7.2 | 11.9         | 49.1   | 0.0         | 8.9               | 1.5           | 9.5        | W          | 0.5               |
| 01   | 24    | -4.1            | 2.7        | -8.9       | 0.7              | 1.6 | 2.5 | 4.7 | 7.1 | 11.8         | 47.5   | 0.0         | 11.3              | 1.5           | 10.8       | W          | 0.0               |
| 01   | 25    | -2.3            | 7.1        | -8.4       | 0.6              | 1.3 | 2.2 | 4.6 | 7.1 | 11.7         | 46.8   | 0.0         | 12.0              | 1.3           | 7.3        | W          | 0.0               |
| 01   | 26    | -0.9            | 9.0        | -7.4       | 0.8              | 1.4 | 2.1 | 4.4 | 7.0 | 11.7         | 45.9   | 0.0         | 12.2              | 1.1           | 3.8        | W          | 0.0               |
| 01   | 27    | 3.3             | 14.7       | -4.5       | 1.4              | 1.7 | 2.2 | 4.3 | 6.9 | 11.6         | 45.0   | 0.0         | 9.6               | 1.0           | 7.7        | WNW        | 0.0               |
| 01   | 28    | 2.7             | 12.0       | -2.8       | 2.4              | 2.4 | 2.6 | 4.3 | 6.8 | 11.5         | 59.9   | 0.0         | 12.2              | 0.8           | 4.8        | SW         | 0.0               |
| 01   | 29    | 3.4             | 11.1       | -1.6       | 3.1              | 3.0 | 3.1 | 4.4 | 6.8 | 11.4         | 69.7   | 0.0         | 10.8              | 0.7           | 4.2        | SSW        | 0.0               |
| 01   | 30    | 6.9             | 15.7       | 0.5        | 4.3              | 4.0 | 3.8 | 4.6 | 6.7 | 11.3         | 66.6   | 0.0         | 7.0               | 1.3           | 7.6        | WNW        | 0.0               |
| 01   | 31    | 0.8             | 9.9        | -4.1       | 3.6              | 3.9 | 4.0 | 4.9 | 6.7 | 11.2         | 46.6   | 0.0         | 12.8              | 1.1           | 8.1        | SSE        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 17.5        |                   |               |            |            |                   |
| 平均   | Mean  | 0.5             | 8.3        | -4.1       | 1.8              | 2.4 | 3.2 | 5.4 | 8.0 | 12.4         | 59.8   | 0.6         | 9.0               | 1.0           | 6.8        |            |                   |
| 最大   | Max.  | 6.9             | 15.7       | 0.5        |                  |     |     |     |     |              |        | 13.0        |                   |               |            |            | 20.0              |
| 最低   | Min.  | -4.7            | 0.4        | -8.9       |                  |     |     |     |     |              |        | 0.0         |                   |               |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 4

降水量 (precipitation): 4

2017年 02月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | 1.1             | 9.0        | -4.7       | 3.0              | 3.4 | 3.8 | 5.0 | 6.7 | 11.2         | 62.1   | 0.0         | 12.1              | 0.9           | 7.4        | S          | 0.0               |
| 02   | 2     | -0.8            | 6.0        | -5.8       | 3.4              | 3.7 | 3.9 | 5.1 | 6.7 | 11.1         | 47.7   | 0.0         | 13.2              | 1.9           | 12.3       | WNW        | 0.0               |
| 02   | 3     | 1.9             | 10.5       | -2.9       | 2.9              | 3.4 | 3.7 | 5.1 | 6.7 | 11.0         | 43.5   | 0.0         | 13.4              | 1.2           | 10.9       | W          | 0.0               |
| 02   | 4     | 2.3             | 13.4       | -4.0       | 3.0              | 3.4 | 3.7 | 5.1 | 6.7 | 10.9         | 43.9   | 0.0         | 13.5              | 0.9           | 4.4        | WSW        | 0.0               |
| 02   | 5     | 1.0             | 6.6        | -2.1       | 2.3              | 3.0 | 3.6 | 5.1 | 6.7 | 10.9         | 67.5   | 0.0         | 3.9               | 0.6           | 4.6        | NNE        | 0.0               |
| 02   | 6     | 2.8             | 8.7        | -1.2       | 3.1              | 3.3 | 3.6 | 5.1 | 6.7 | 10.8         | 69.4   | 0.0         | 7.0               | 1.8           | 10.1       | W          | 0.0               |
| 02   | 7     | 0.2             | 7.2        | -3.7       | 2.7              | 3.2 | 3.6 | 5.1 | 6.7 | 10.8         | 37.6   | 0.0         | 13.8              | 1.9           | 10.7       | W          | 0.0               |
| 02   | 8     | -0.5            | 9.1        | -6.6       | 2.5              | 3.1 | 3.5 | 5.1 | 6.7 | 10.7         | 51.4   | 0.0         | 13.0              | 0.7           | 5.6        | S          | 0.0               |
| 02   | 9     | -1.2            | 2.9        | -3.5       | 2.5              | 3.0 | 3.5 | 5.1 | 6.7 | 10.6         | 78.3   | 0.0         | 4.9               | 0.4           | 4.5        | SSE        | 0.0               |
| 02   | 10    | -1.5            | 4.9        | -5.2       | 2.5              | 2.9 | 3.5 | 5.0 | 6.7 | 10.6         | 68.6   | 0.5         | 8.0               | 1.2           | 7.9        | WSW        | 2.0               |
| 02   | 11    | -1.6            | 5.3        | -7.1       | 1.7              | 2.4 | 3.2 | 5.0 | 6.7 | 10.6         | 37.4   | 0.0         | 11.6              | 2.0           | 9.7        | W          | 0.0               |
| 02   | 12    | 0.7             | 7.6        | -3.2       | 2.0              | 2.5 | 3.0 | 4.9 | 6.7 | 10.5         | 36.4   | 0.0         | 14.0              | 1.5           | 9.7        | W          | 0.0               |
| 02   | 13    | 0.5             | 9.4        | -5.4       | 2.3              | 2.7 | 3.1 | 4.8 | 6.6 | 10.5         | 46.6   | 0.0         | 12.5              | 0.8           | 5.5        | S          | 0.0               |
| 02   | 14    | -0.7            | 11.3       | -5.8       | 2.1              | 2.7 | 3.2 | 4.8 | 6.6 | 10.4         | 51.4   | 0.0         | 10.4              | 0.8           | 4.6        | SW         | 0.0               |
| 02   | 15    | 0.7             | 11.7       | -6.1       | 2.3              | 2.7 | 3.1 | 4.8 | 6.5 | 10.4         | 46.6   | 0.0         | 15.3              | 0.9           | 6.7        | SSW        | 0.0               |
| 02   | 16    | 3.0             | 14.2       | -4.6       | 3.1              | 3.2 | 3.3 | 4.8 | 6.5 | 10.3         | 49.2   | 0.0         | 15.0              | 0.9           | 4.0        | WSW        | 0.0               |
| 02   | 17    | 7.7             | 16.8       | 0.8        | 4.3              | 4.1 | 3.9 | 4.8 | 6.4 | 10.3         | 55.2   | 0.0         | 11.8              | 1.9           | 11.5       | NW         | 0.0               |
| 02   | 18    | 1.5             | 5.5        | -1.7       | 3.7              | 4.1 | 4.3 | 5.0 | 6.4 | 10.2         | 74.3   | 0.0         | 5.4               | 0.5           | 4.2        | SE         | 0.0               |
| 02   | 19    | 0.9             | 10.2       | -4.4       | 4.3              | 4.3 | 4.3 | 5.2 | 6.4 | 10.2         | 51.0   | 0.0         | 15.6              | 1.0           | 7.9        | SSW        | 0.5               |
| 02   | 20    | 4.3             | 14.5       | -2.5       | 4.6              | 4.5 | 4.5 | 5.3 | 6.4 | 10.1         | 71.0   | 9.5         | 11.3              | 1.5           | 14.5       | NW         | 0.0               |
| 02   | 21    | 0.9             | 6.3        | -2.1       | 4.9              | 5.1 | 4.9 | 5.4 | 6.4 | 10.1         | 46.1   | 0.0         | 15.1              | 1.6           | 8.2        | W          | 0.0               |
| 02   | 22    | 1.3             | 8.6        | -4.9       | 4.4              | 4.6 | 4.8 | 5.6 | 6.5 | 10.1         | 51.8   | 0.0         | 14.9              | 0.6           | 5.7        | SSE        | 0.0               |
| 02   | 23    | 5.7             | 16.3       | -0.1       | 5.8              | 5.4 | 5.0 | 5.7 | 6.4 | 10.0         | 85.1   | 15.5        | 11.2              | 1.2           | 16.5       | ESE        | 0.0               |
| 02   | 24    | 2.1             | 10.4       | -2.6       | 5.9              | 5.9 | 5.6 | 5.8 | 6.5 | 10.0         | 57.1   | 0.0         | 14.8              | 0.9           | 8.9        | SE         | 0.0               |
| 02   | 25    | 1.6             | 8.9        | -4.2       | 5.1              | 5.4 | 5.5 | 6.0 | 6.6 | 9.9          | 67.7   | 0.0         | 12.7              | 0.6           | 4.4        | SSE        | 0.0               |
| 02   | 26    | 3.3             | 11.6       | -2.8       | 5.4              | 5.4 | 5.4 | 6.1 | 6.6 | 9.9          | 60.7   | 0.0         | 14.3              | 0.6           | 5.0        | SSE        | 0.0               |
| 02   | 27    | 1.8             | 6.2        | -2.4       | 5.1              | 5.4 | 5.5 | 6.2 | 6.7 | 9.9          | 71.9   | 0.0         | 8.7               | 0.7           | 4.6        | SE         | 0.0               |
| 02   | 28    | 0.5             | 6.4        | -2.4       | 5.0              | 5.3 | 5.5 | 6.2 | 6.7 | 9.9          | 82.6   | 0.0         | 6.8               | 0.4           | 3.5        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 25.5        |                   |               |            |            |                   |
| 平均   | Mean  | 1.4             | 9.3        | -3.6       | 3.6              | 3.8 | 4.1 | 5.3 | 6.6 | 10.4         | 57.6   | 0.9         | 11.6              | 1.1           | 7.6        |            | 0.1               |
| 最大   | Max.  | 7.7             | 16.8       | 0.8        | 5.9              | 5.9 | 5.6 | 6.2 | 6.7 | 11.2         | 85.1   | 15.5        | 15.6              | 2.0           | 16.5       |            | 2.0               |
| 最低   | Min.  | -1.6            | 2.9        | -7.1       | 1.7              | 2.4 | 3.0 | 4.8 | 6.4 | 9.9          | 36.4   | 0.0         | 3.9               | 0.4           | 3.5        |            | 0.0               |

2017年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 1.8             | 10.6       | -4.4       | 5.0              | 5.1 | 5.3 | 6.3 | 6.8 | 9.8          | 79.9   | 2.5         | 13.8              | 0.6           | 5.1        | SE         | 0.0               |
| 03   | 2     | 1.5             | 4.0        | -0.1       | 4.4              | 5.0 | 5.4 | 6.3 | 6.8 | 9.8          | 98.7   | 4.0         | 2.2               | 0.1           | 3.5        | WSW        | 0.0               |
| 03   | 3     | 3.8             | 14.6       | -2.2       | 5.6              | 5.3 | 5.3 | 6.2 | 6.8 | 9.8          | 67.6   | 0.0         | 17.3              | 0.9           | 7.3        | SW         | 0.0               |
| 03   | 4     | 3.9             | 13.2       | -2.3       | 5.9              | 5.8 | 5.7 | 6.3 | 6.8 | 9.7          | 60.4   | 0.0         | 15.4              | 0.6           | 5.1        | SSE        | 0.0               |
| 03   | 5     | 5.7             | 14.8       | -0.9       | 6.5              | 6.3 | 6.0 | 6.4 | 6.9 | 9.7          | 59.4   | 0.0         | 15.3              | 0.7           | 4.7        | S          | 0.0               |
| 03   | 6     | 3.9             | 8.7        | -0.5       | 5.6              | 6.0 | 6.2 | 6.6 | 6.9 | 9.7          | 69.6   | 0.0         | 4.5               | 0.3           | 4.0        | WSW        | 0.0               |
| 03   | 7     | 1.4             | 7.8        | -3.7       | 5.0              | 5.4 | 5.8 | 6.7 | 7.0 | 9.7          | 57.1   | 0.0         | 11.3              | 1.1           | 10.4       | SSE        | 0.0               |
| 03   | 8     | 0.6             | 8.4        | -5.2       | 4.6              | 5.0 | 5.4 | 6.6 | 7.0 | 9.7          | 41.7   | 0.0         | 15.5              | 0.9           | 9.6        | WSW        | 0.0               |
| 03   | 9     | 2.6             | 13.2       | -3.7       | 5.0              | 5.2 | 5.4 | 6.5 | 7.1 | 9.7          | 41.1   | 0.0         | 16.6              | 0.9           | 6.8        | SW         | 0.0               |
| 03   | 10    | 2.3             | 9.1        | -2.4       | 4.7              | 5.1 | 5.4 | 6.5 | 7.1 | 9.7          | 47.8   | 0.0         | 10.8              | 0.9           | 9.4        | W          | 0.0               |
| 03   | 11    | 2.0             | 11.7       | -3.6       | 5.1              | 5.2 | 5.3 | 6.4 | 7.1 | 9.7          | 48.9   | 0.0         | 18.4              | 1.0           | 7.1        | S          | 0.0               |
| 03   | 12    | 2.8             | 11.2       | -4.4       | 5.6              | 5.6 | 5.6 | 6.4 | 7.1 | 9.6          | 57.8   | 0.0         | 16.4              | 0.7           | 5.1        | SSE        | 0.0               |
| 03   | 13    | 2.8             | 10.0       | 0.2        | 6.4              | 6.3 | 6.1 | 6.5 | 7.1 | 9.6          | 80.7   | 0.5         | 9.7               | 0.6           | 5.0        | SE         | 0.0               |
| 03   | 14    | 2.4             | 4.4        | 0.1        | 5.6              | 6.0 | 6.2 | 6.7 | 7.1 | 9.6          | 96.4   | 10.0        | 2.3               | 0.0           | 3.2        | ESE        | 0.0               |
| 03   | 15    | 2.2             | 8.1        | -0.9       | 5.8              | 5.8 | 5.9 | 6.7 | 7.1 | 9.6          | 82.8   | 0.5         | 11.0              | 0.5           | 6.0        | SSE        | 0.0               |
| 03   | 16    | 3.4             | 15.0       | -2.0       | 6.6              | 6.4 | 6.2 | 6.8 | 7.1 | 9.6          | 57.8   | 0.0         | 16.7              | 1.0           | 6.7        | SSW        | 0.0               |
| 03   | 17    | 3.1             | 12.5       | -2.9       | 6.7              | 6.6 | 6.4 | 6.9 | 7.1 | 9.6          | 56.8   | 0.0         | 17.6              | 0.8           | 5.2        | SSE        | 0.0               |
| 03   | 18    | 4.1             | 12.4       | -2.5       | 6.7              | 6.7 | 6.6 | 7.0 | 7.2 | 9.6          | 46.9   | 0.0         | 14.4              | 0.8           | 5.3        | SSE        | 0.0               |
| 03   | 19    | 6.0             | 15.0       | -1.0       | 7.1              | 6.9 | 6.7 | 7.1 | 7.2 | 9.6          | 49.6   | 0.0         | 16.5              | 1.1           | 7.1        | W          | 0.0               |
| 03   | 20    | 7.9             | 17.1       | 0.8        | 8.0              | 7.6 | 7.2 | 7.2 | 7.2 | 9.6          | 37.1   | 0.0         | 18.6              | 1.0           | 5.1        | SE         | 0.0               |
| 03   | 21    | 3.3             | 5.4        | 1.4        | 7.0              | 7.4 | 7.5 | 7.5 | 7.3 | 9.5          | 88.6   | 12.5        | 2.8               | 0.3           | 7.6        | ESE        | 0.0               |
| 03   | 22    | 3.7             | 11.1       | -1.2       | 7.0              | 7.0 | 7.0 | 7.5 | 7.3 | 9.5          | 56.7   | 0.0         | 17.5              | 1.2           | 9.1        | WSW        | 0.0               |
| 03   | 23    | 3.6             | 12.1       | -1.8       | 6.7              | 6.9 | 7.0 | 7.6 | 7.4 | 9.5          | 54.5   | 0.0         | 13.5              | 0.6           | 5.7        | S          | 0.0               |
| 03   | 24    | 2.6             | 10.1       | -2.2       | 7.2              | 7.2 | 7.1 | 7.6 | 7.5 | 9.5          | 54.0   | 0.0         | 18.7              | 1.0           | 9.1        | SW         | 0.0               |
| 03   | 25    | 2.8             | 10.8       | -4.3       | 6.9              | 7.0 | 7.1 | 7.6 | 7.5 | 9.5          | 50.3   | 0.0         | 17.1              | 0.8           | 5.8        | SSE        | 0.0               |
| 03   | 26    | 0.5             | 2.1        | -1.1       | 5.3              | 6.3 | 6.9 | 7.6 | 7.6 | 9.5          | 93.3   | 10.0        | 2.2               | 0.1           | 2.4        | ESE        | 0.0               |
| 03   | 27    | 1.2             | 6.0        | -1.4       | 3.9              | 4.9 | 5.9 | 7.5 | 7.6 | 9.5          | 90.2   | 17.0        | 8.4               | 0.2           | 3.8        | N          | 9.0               |
| 03   | 28    | 1.9             | 10.3       | -2.6       | 3.1              | 4.0 | 5.1 | 7.2 | 7.6 | 9.5          | 76.5   | 0.5         | 12.9              | 0.6           | 4.5        | SSW        | 0.0               |
| 03   | 29    | 3.3             | 12.2       | -2.5       | 4.8              | 4.7 | 4.9 | 6.8 | 7.6 | 9.5          | 75.4   | 0.0         | 18.3              | 0.5           | 4.2        | SSE        | 0.0               |
| 03   | 30    | 6.9             | 16.1       | -0.6       | 7.3              | 6.6 | 6.0 | 6.7 | 7.5 | 9.5          | 67.6   | 0.0         | 20.5              | 0.7           | 6.1        | SSE        | 0.0               |
| 03   | 31    | 2.4             | 8.5        | -0.2       | 5.8              | 6.4 | 6.6 | 6.9 | 7.4 | 9.5          | 83.8   | 10.0        | 3.5               | 0.2           | 4.9        | WNW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 67.5        |                   |               |            |            |                   |
| 平均   | Mean  | 3.1             | 10.5       | -1.9       | 5.8              | 6.0 | 6.1 | 6.8 | 7.2 | 9.6          | 65.4   | 2.2         | 12.9              | 0.7           | 6.0        |            | 0.3               |
| 最大   | Max.  | 7.9             | 17.1       | 1.4        | 8.0              | 7.6 | 7.5 | 7.6 | 7.6 | 9.8          | 98.7   | 17.0        | 20.5              | 1.2           | 10.4       |            | 9.0               |
| 最低   | Min.  | 0.5             | 2.1        | -5.2       | 3.1              | 4.0 | 4.9 | 6.2 | 6.8 | 9.5          | 37.1   | 0.0         | 2.2               | 0.0           | 2.4        |            | 0.0               |

2017年 04月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 1.1             | 3.5        | -0.6       | 4.1              | 5.0  | 5.8  | 7.0  | 7.4  | 9.5          | 95.3   | 4.0         | 3.6               | 0.1           | 4.0        | ESE        | 7.0               |
| 04   | 2     | 4.2             | 12.4       | -0.2       | 6.5              | 5.9  | 5.7  | 6.8  | 7.4  | 9.5          | 79.8   | 0.0         | 17.9              | 0.6           | 5.5        | SSE        | 0.0               |
| 04   | 3     | 4.7             | 14.4       | -1.2       | 7.6              | 7.2  | 6.7  | 6.9  | 7.3  | 9.5          | 76.9   | 0.0         | 16.6              | 0.6           | 8.7        | SSE        | 0.0               |
| 04   | 4     | 7.9             | 17.4       | 0.6        | 8.7              | 8.0  | 7.3  | 7.2  | 7.3  | 9.5          | 58.6   | 0.0         | 22.1              | 0.8           | 6.1        | SSE        | 0.0               |
| 04   | 5     | 10.5            | 20.8       | 2.7        | 10.0             | 9.1  | 8.2  | 7.5  | 7.3  | 9.4          | 58.6   | 0.0         | 18.7              | 0.6           | 5.4        | SSE        | 0.0               |
| 04   | 6     | 11.3            | 17.3       | 4.2        | 10.3             | 9.7  | 8.9  | 7.9  | 7.3  | 9.4          | 60.7   | 0.0         | 14.4              | 1.7           | 10.6       | W          | 0.0               |
| 04   | 7     | 14.2            | 22.4       | 9.7        | 11.7             | 10.7 | 9.5  | 8.3  | 7.4  | 9.4          | 70.7   | 0.0         | 12.4              | 1.0           | 8.7        | SW         | 0.0               |
| 04   | 8     | 11.6            | 14.5       | 10.0       | 11.4             | 10.9 | 10.1 | 8.8  | 7.5  | 9.4          | 94.1   | 0.5         | 3.5               | 0.2           | 2.9        | W          | 0.0               |
| 04   | 9     | 10.8            | 16.4       | 4.0        | 11.6             | 11.1 | 10.3 | 9.2  | 7.6  | 9.3          | 91.7   | 9.5         | 6.8               | 0.3           | 5.3        | ESE        | 0.0               |
| 04   | 10    | 6.7             | 14.5       | 0.9        | 10.7             | 10.6 | 10.2 | 9.5  | 7.8  | 9.3          | 64.1   | 0.0         | 16.6              | 0.7           | 5.2        | ESE        | 0.0               |
| 04   | 11    | 1.8             | 3.6        | 0.5        | 6.1              | 7.9  | 9.0  | 9.6  | 8.0  | 9.3          | 95.7   | 32.0        | 1.3               | 0.1           | 3.1        | W          | 0.0               |
| 04   | 12    | 9.0             | 18.7       | 2.9        | 9.1              | 8.1  | 7.8  | 9.2  | 8.2  | 9.3          | 72.8   | 0.0         | 21.1              | 0.8           | 6.7        | SE         | 0.0               |
| 04   | 13    | 6.8             | 15.9       | 0.0        | 9.9              | 9.6  | 9.2  | 9.1  | 8.3  | 9.3          | 57.9   | 0.0         | 19.7              | 1.0           | 7.0        | E          | 0.0               |
| 04   | 14    | 10.6            | 20.6       | 0.8        | 10.7             | 10.0 | 9.4  | 9.2  | 8.4  | 9.3          | 52.0   | 0.0         | 22.2              | 1.0           | 5.6        | SSE        | 0.0               |
| 04   | 15    | 12.3            | 19.4       | 6.1        | 10.5             | 10.4 | 10.0 | 9.5  | 8.4  | 9.3          | 49.5   | 0.0         | 12.4              | 1.2           | 8.8        | NW         | 0.0               |
| 04   | 16    | 14.9            | 24.2       | 6.8        | 11.6             | 10.8 | 10.1 | 9.6  | 8.5  | 9.4          | 36.4   | 0.0         | 20.8              | 1.4           | 8.0        | WNW        | 0.0               |
| 04   | 17    | 14.8            | 26.2       | 10.2       | 12.1             | 11.5 | 10.8 | 9.9  | 8.5  | 9.4          | 51.4   | 23.0        | 12.2              | 1.0           | 8.3        | ENE        | 0.0               |
| 04   | 18    | 15.6            | 25.4       | 8.9        | 14.7             | 13.0 | 11.7 | 10.4 | 8.6  | 9.3          | 79.4   | 23.0        | 21.6              | 0.8           | 5.5        | ESE        | 0.0               |
| 04   | 19    | 11.9            | 20.3       | 5.9        | 14.2             | 13.7 | 12.7 | 10.9 | 8.8  | 9.4          | 49.9   | 0.0         | 23.8              | 2.3           | 13.8       | W          | 0.0               |
| 04   | 20    | 11.6            | 19.7       | 3.1        | 13.5             | 12.9 | 12.4 | 11.3 | 9.0  | 9.4          | 51.7   | 0.0         | 21.9              | 0.9           | 6.2        | ESE        | 0.0               |
| 04   | 21    | 10.5            | 16.6       | 7.1        | 13.1             | 13.0 | 12.5 | 11.5 | 9.2  | 9.4          | 79.7   | 0.0         | 10.8              | 0.6           | 4.4        | SE         | 0.0               |
| 04   | 22    | 8.5             | 12.5       | 5.7        | 11.6             | 12.0 | 12.0 | 11.6 | 9.4  | 9.5          | 84.3   | 1.0         | 5.8               | 0.5           | 4.0        | ESE        | 0.0               |
| 04   | 23    | 9.3             | 18.1       | 2.2        | 12.9             | 12.3 | 11.8 | 11.5 | 9.5  | 9.5          | 61.1   | 0.0         | 24.7              | 0.8           | 5.9        | ESE        | 0.0               |
| 04   | 24    | 10.7            | 19.1       | 2.6        | 13.8             | 13.0 | 12.3 | 11.6 | 9.7  | 9.6          | 65.9   | 0.0         | 22.7              | 0.8           | 5.2        | SSE        | 0.0               |
| 04   | 25    | 12.3            | 21.0       | 4.6        | 14.9             | 14.0 | 13.0 | 11.8 | 9.8  | 9.6          | 69.1   | 0.0         | 24.0              | 0.8           | 6.3        | SSE        | 0.0               |
| 04   | 26    | 11.1            | 16.3       | 6.5        | 13.4             | 13.5 | 13.1 | 12.1 | 9.9  | 9.7          | 73.0   | 0.0         | 9.9               | 0.9           | 10.0       | WSW        | 0.0               |
| 04   | 27    | 11.0            | 17.8       | 6.9        | 13.2             | 13.1 | 12.8 | 12.2 | 10.1 | 9.8          | 54.3   | 0.0         | 13.5              | 0.7           | 5.4        | ESE        | 0.0               |
| 04   | 28    | 10.0            | 17.7       | 3.2        | 13.3             | 13.0 | 12.7 | 12.3 | 10.2 | 9.8          | 58.6   | 0.0         | 18.0              | 0.8           | 6.1        | E          | 0.0               |
| 04   | 29    | 10.2            | 18.0       | 4.1        | 12.8             | 12.8 | 12.6 | 12.3 | 10.4 | 9.9          | 69.2   | 0.0         | 13.7              | 0.9           | 8.0        | NE         | 0.0               |
| 04   | 30    | 14.3            | 24.4       | 4.6        | 13.8             | 13.1 | 12.6 | 12.3 | 10.5 | 10.0         | 45.2   | 0.0         | 24.2              | 0.9           | 5.5        | NNE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 93.0        |                   |               |            |            |                   |
| 平均   | Mean  | 10.0            | 17.6       | 4.1        | 11.3             | 10.8 | 10.4 | 9.9  | 8.6  | 9.5          | 66.9   | 3.1         | 15.9              | 0.8           | 6.5        |            | 0.2               |
| 最大   | Max.  | 15.6            | 26.2       | 10.2       | 14.9             | 14.0 | 13.1 | 12.3 | 10.5 | 10.0         | 95.7   | 32.0        | 24.7              | 2.3           | 13.8       |            | 7.0               |
| 最低   | Min.  | 1.1             | 3.5        | -1.2       | 4.1              | 5.0  | 5.7  | 6.8  | 7.3  | 9.3          | 36.4   | 0.0         | 1.3               | 0.1           | 2.9        |            | 0.0               |

2017年 05月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 12.2            | 18.8       | 5.6        | 12.8             | 13.1 | 12.9 | 12.4 | 10.6 | 10.0         | 71.0   | 4.5         | 8.5               | 0.5           | 4.3        | NNE        | 0.0               |
| 05   | 2     | 11.6            | 21.2       | 2.7        | 13.5             | 13.0 | 12.6 | 12.4 | 10.6 | 10.1         | 55.5   | 0.0         | 25.2              | 0.9           | 6.4        | ESE        | 0.0               |
| 05   | 3     | 13.4            | 22.2       | 5.5        | 14.1             | 13.6 | 13.0 | 12.5 | 10.7 | 10.2         | 59.3   | 0.0         | 19.3              | 0.7           | 6.0        | ESE        | 0.0               |
| 05   | 4     | 14.5            | 21.6       | 8.3        | 15.3             | 14.5 | 13.6 | 12.6 | 10.8 | 10.2         | 69.2   | 0.0         | 17.4              | 0.7           | 6.9        | ESE        | 0.0               |
| 05   | 5     | 15.6            | 23.6       | 7.4        | 15.8             | 15.0 | 14.2 | 12.9 | 10.9 | 10.3         | 68.0   | 0.0         | 17.3              | 0.6           | 5.2        | ESE        | 0.0               |
| 05   | 6     | 16.7            | 22.6       | 10.7       | 15.2             | 14.8 | 14.3 | 13.2 | 11.0 | 10.4         | 73.0   | 0.5         | 10.0              | 0.3           | 2.8        | NW         | 0.0               |
| 05   | 7     | 15.5            | 23.1       | 8.4        | 16.3             | 15.5 | 14.6 | 13.4 | 11.2 | 10.4         | 66.2   | 0.0         | 17.9              | 0.9           | 6.2        | ESE        | 0.0               |
| 05   | 8     | 16.8            | 28.7       | 6.8        | 16.1             | 15.5 | 14.8 | 13.6 | 11.3 | 10.5         | 40.3   | 0.0         | 25.7              | 1.1           | 8.8        | WNW        | 0.0               |
| 05   | 9     | 14.2            | 18.2       | 10.7       | 15.2             | 15.2 | 14.8 | 13.8 | 11.5 | 10.6         | 61.2   | 0.0         | 11.2              | 0.6           | 4.5        | ESE        | 0.0               |
| 05   | 10    | 11.4            | 12.8       | 10.0       | 14.3             | 14.5 | 14.5 | 13.9 | 11.6 | 10.6         | 95.6   | 3.0         | 3.1               | 0.3           | 3.0        | ESE        | 0.0               |
| 05   | 11    | 16.5            | 25.5       | 10.2       | 16.3             | 15.3 | 14.6 | 13.9 | 11.7 | 10.7         | 65.6   | 0.0         | 20.7              | 0.8           | 8.6        | WSW        | 0.0               |
| 05   | 12    | 17.8            | 25.9       | 10.0       | 17.1             | 16.1 | 15.2 | 14.0 | 11.9 | 10.8         | 60.5   | 0.0         | 20.3              | 0.5           | 5.0        | ESE        | 0.0               |
| 05   | 13    | 12.4            | 14.9       | 10.0       | 15.4             | 15.6 | 15.4 | 14.3 | 11.9 | 10.8         | 95.8   | 20.5        | 2.9               | 0.1           | 7.0        | NW         | 0.0               |
| 05   | 14    | 12.4            | 14.7       | 9.5        | 14.6             | 14.6 | 14.7 | 14.4 | 11.9 | 10.9         | 95.4   | 0.5         | 4.5               | 0.0           | 3.3        | E          | 0.0               |
| 05   | 15    | 12.1            | 14.0       | 10.6       | 14.6             | 14.6 | 14.5 | 14.3 | 12.1 | 10.9         | 96.2   | 0.5         | 4.4               | 0.2           | 3.8        | ESE        | 0.0               |
| 05   | 16    | 12.7            | 16.8       | 8.6        | 14.9             | 14.6 | 14.5 | 14.3 | 12.2 | 11.0         | 87.8   | 0.0         | 9.9               | 0.4           | 4.3        | ESE        | 0.0               |
| 05   | 17    | 11.1            | 12.4       | 10.0       | 14.2             | 14.3 | 14.4 | 14.3 | 12.3 | 11.1         | 96.7   | 3.5         | 3.3               | 0.1           | 3.9        | E          | 0.0               |
| 05   | 18    | 12.5            | 17.3       | 9.8        | 14.9             | 14.5 | 14.3 | 14.3 | 12.3 | 11.1         | 91.2   | 6.0         | 11.8              | 0.1           | 3.8        | ESE        | 0.0               |
| 05   | 19    | 15.9            | 24.5       | 8.3        | 16.6             | 15.6 | 14.8 | 14.3 | 12.4 | 11.2         | 76.0   | 0.0         | 25.3              | 0.4           | 5.2        | SE         | 0.0               |
| 05   | 20    | 19.3            | 28.7       | 10.8       | 17.9             | 16.8 | 15.8 | 14.5 | 12.4 | 11.3         | 63.8   | 0.0         | 25.3              | 0.5           | 5.0        | SE         | 0.0               |
| 05   | 21    | 21.4            | 30.2       | 14.0       | 19.2             | 17.9 | 16.6 | 14.9 | 12.5 | 11.4         | 60.0   | 0.0         | 24.0              | 0.6           | 5.2        | ESE        | 0.0               |
| 05   | 22    | 20.9            | 29.2       | 15.3       | 19.6             | 18.5 | 17.3 | 15.4 | 12.6 | 11.4         | 65.0   | 0.0         | 19.1              | 0.5           | 4.3        | WNW        | 0.0               |
| 05   | 23    | 20.5            | 27.9       | 14.0       | 20.0             | 18.9 | 17.8 | 15.8 | 12.8 | 11.5         | 70.6   | 0.0         | 24.9              | 0.6           | 5.9        | ESE        | 0.0               |
| 05   | 24    | 17.2            | 21.1       | 13.6       | 18.6             | 18.4 | 17.9 | 16.1 | 13.0 | 11.6         | 83.0   | 0.0         | 8.9               | 0.5           | 4.3        | ESE        | 0.0               |
| 05   | 25    | 14.4            | 15.7       | 12.3       | 17.1             | 17.2 | 17.2 | 16.3 | 13.1 | 11.6         | 96.4   | 17.0        | 3.4               | 0.0           | 3.0        | WSW        | 0.0               |
| 05   | 26    | 13.2            | 14.5       | 12.0       | 15.9             | 16.2 | 16.5 | 16.3 | 13.3 | 11.7         | 98.2   | 7.0         | 1.9               | 0.0           | 2.2        | W          | 0.0               |
| 05   | 27    | 14.5            | 19.9       | 12.4       | 17.0             | 16.5 | 16.3 | 16.1 | 13.4 | 11.7         | 95.1   | 4.5         | 10.0              | 0.4           | 5.1        | ESE        | 0.0               |
| 05   | 28    | 15.3            | 21.7       | 11.4       | 17.8             | 17.1 | 16.6 | 16.1 | 13.5 | 11.8         | 87.3   | 0.5         | 15.7              | 0.3           | 4.3        | ESE        | 0.0               |
| 05   | 29    | 17.7            | 25.8       | 9.5        | 18.8             | 17.8 | 17.1 | 16.2 | 13.6 | 11.9         | 76.7   | 0.0         | 25.6              | 0.5           | 5.5        | SE         | 0.0               |
| 05   | 30    | 20.4            | 28.9       | 12.4       | 19.8             | 18.7 | 17.8 | 16.4 | 13.7 | 12.0         | 73.2   | 0.0         | 22.7              | 0.5           | 4.8        | SE         | 0.0               |
| 05   | 31    | 20.7            | 27.1       | 15.8       | 19.8             | 19.0 | 18.3 | 16.8 | 13.8 | 12.1         | 68.9   | 0.0         | 15.2              | 0.6           | 4.7        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 68.0        |                   |               |            |            |                   |
| 平均   | Mean  | 15.5            | 21.6       | 10.2       | 16.4             | 15.9 | 15.4 | 14.5 | 12.1 | 11.0         | 76.2   | 2.2         | 14.7              | 0.5           | 4.9        |            | 0.0               |
| 最大   | Max.  | 21.4            | 30.2       | 15.8       | 20.0             | 19.0 | 18.3 | 16.8 | 13.8 | 12.1         | 98.2   | 20.5        | 25.7              | 1.1           | 8.8        |            | 0.0               |
| 最低   | Min.  | 11.1            | 12.4       | 2.7        | 12.8             | 13.0 | 12.6 | 12.4 | 10.6 | 10.0         | 40.3   | 0.0         | 1.9               | 0.0           | 2.2        |            | 0.0               |

2017年 06月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 18.3            | 23.8       | 14.6       | 19.4             | 19.0 | 18.4 | 17.1 | 14.0 | 12.2         | 82.2   | 0.0         | 11.1              | 0.3           | 4.2        | SSE        | 0.0               |
| 06   | 2     | 16.1            | 23.6       | 8.3        | 18.7             | 18.5 | 18.2 | 17.2 | 14.1 | 12.2         | 62.0   | 7.0         | 20.6              | 1.2           | 9.7        | W          | 0.0               |
| 06   | 3     | 14.2            | 23.3       | 7.5        | 17.3             | 17.4 | 17.5 | 17.3 | 14.3 | 12.3         | 58.3   | 0.0         | 19.8              | 0.9           | 5.1        | E          | 0.0               |
| 06   | 4     | 14.3            | 23.6       | 7.1        | 17.7             | 17.4 | 17.3 | 17.1 | 14.5 | 12.4         | 61.4   | 0.0         | 25.8              | 0.8           | 6.4        | ESE        | 0.0               |
| 06   | 5     | 14.6            | 21.9       | 7.3        | 17.4             | 17.3 | 17.3 | 17.1 | 14.6 | 12.5         | 58.9   | 0.0         | 20.2              | 0.6           | 4.7        | SE         | 0.0               |
| 06   | 6     | 15.1            | 21.4       | 8.4        | 17.7             | 17.3 | 17.2 | 17.0 | 14.7 | 12.6         | 75.0   | 0.0         | 18.6              | 0.7           | 5.4        | ESE        | 0.0               |
| 06   | 7     | 14.8            | 18.4       | 11.6       | 17.4             | 17.4 | 17.3 | 17.0 | 14.8 | 12.7         | 86.7   | 1.5         | 8.6               | 0.5           | 4.3        | ESE        | 0.0               |
| 06   | 8     | 17.0            | 22.3       | 12.6       | 18.3             | 17.7 | 17.3 | 17.0 | 14.8 | 12.8         | 86.9   | 0.5         | 13.9              | 0.6           | 7.4        | ESE        | 0.0               |
| 06   | 9     | 18.2            | 23.9       | 13.3       | 18.9             | 18.3 | 17.8 | 17.1 | 14.9 | 12.8         | 78.7   | 0.0         | 15.2              | 0.5           | 4.2        | ESE        | 0.0               |
| 06   | 10    | 18.6            | 26.6       | 11.6       | 18.7             | 18.3 | 18.0 | 17.2 | 14.9 | 12.9         | 61.8   | 0.0         | 18.1              | 1.0           | 10.5       | W          | 0.0               |
| 06   | 11    | 16.9            | 23.3       | 10.1       | 18.9             | 18.4 | 18.0 | 17.3 | 15.0 | 13.0         | 68.6   | 0.0         | 21.4              | 0.8           | 5.9        | ESE        | 0.0               |
| 06   | 12    | 16.3            | 23.1       | 10.8       | 19.4             | 18.8 | 18.3 | 17.4 | 15.1 | 13.1         | 63.5   | 0.0         | 23.3              | 0.9           | 5.8        | ESE        | 0.0               |
| 06   | 13    | 12.2            | 13.6       | 11.4       | 17.0             | 17.7 | 17.9 | 17.5 | 15.3 | 13.2         | 90.2   | 0.0         | 3.1               | 0.3           | 3.7        | ESE        | 0.0               |
| 06   | 14    | 15.4            | 21.4       | 11.4       | 17.9             | 17.5 | 17.4 | 17.4 | 15.3 | 13.3         | 84.2   | 0.5         | 15.4              | 0.4           | 4.2        | SE         | 0.0               |
| 06   | 15    | 16.2            | 21.9       | 11.5       | 18.5             | 18.1 | 17.8 | 17.4 | 15.4 | 13.4         | 82.7   | 0.0         | 13.6              | 0.4           | 5.5        | ESE        | 0.0               |
| 06   | 16    | 17.6            | 25.4       | 10.3       | 18.9             | 18.3 | 17.9 | 17.4 | 15.4 | 13.4         | 74.4   | 0.0         | 20.1              | 0.6           | 5.4        | ESE        | 0.0               |
| 06   | 17    | 18.0            | 26.2       | 11.2       | 19.6             | 18.9 | 18.3 | 17.5 | 15.5 | 13.5         | 70.4   | 0.0         | 22.1              | 0.6           | 5.2        | ESE        | 0.0               |
| 06   | 18    | 14.9            | 18.2       | 12.7       | 18.0             | 18.3 | 18.3 | 17.6 | 15.6 | 13.6         | 86.6   | 0.5         | 5.1               | 0.3           | 3.8        | ESE        | 0.0               |
| 06   | 19    | 19.2            | 29.3       | 12.2       | 19.3             | 18.6 | 18.1 | 17.6 | 15.6 | 13.7         | 60.9   | 0.0         | 23.1              | 0.7           | 4.8        | SW         | 0.0               |
| 06   | 20    | 20.3            | 27.8       | 11.9       | 19.7             | 19.0 | 18.5 | 17.7 | 15.7 | 13.7         | 55.6   | 0.0         | 23.7              | 0.8           | 6.3        | E          | 0.0               |
| 06   | 21    | 16.2            | 17.8       | 14.5       | 18.5             | 18.6 | 18.5 | 17.8 | 15.6 | 13.8         | 93.9   | 27.0        | 4.7               | 0.1           | 3.1        | WNW        | 0.0               |
| 06   | 22    | 18.3            | 24.5       | 14.3       | 19.2             | 18.6 | 18.3 | 17.9 | 15.6 | 13.8         | 82.7   | 0.0         | 16.3              | 0.2           | 3.8        | ESE        | 0.0               |
| 06   | 23    | 19.5            | 26.3       | 12.9       | 19.6             | 19.0 | 18.6 | 17.9 | 15.7 | 13.8         | 75.9   | 0.0         | 17.3              | 0.4           | 5.2        | ESE        | 0.0               |
| 06   | 24    | 19.5            | 25.6       | 14.0       | 20.0             | 19.4 | 18.9 | 18.1 | 15.7 | 13.9         | 80.0   | 0.0         | 15.0              | 0.4           | 4.9        | ESE        | 0.0               |
| 06   | 25    | 18.7            | 22.4       | 16.2       | 19.9             | 19.5 | 19.1 | 18.3 | 15.8 | 14.0         | 89.0   | 3.5         | 8.9               | 0.1           | 3.4        | ESE        | 0.0               |
| 06   | 26    | 20.9            | 27.8       | 17.0       | 21.6             | 20.5 | 19.6 | 18.4 | 15.9 | 14.0         | 78.7   | 0.0         | 17.6              | 0.4           | 4.2        | SE         | 0.0               |
| 06   | 27    | 19.2            | 21.6       | 17.7       | 20.7             | 20.5 | 20.0 | 18.7 | 15.9 | 14.0         | 90.1   | 0.5         | 4.6               | 0.2           | 3.6        | ESE        | 0.0               |
| 06   | 28    | 18.5            | 22.3       | 16.7       | 20.4             | 20.0 | 19.7 | 18.9 | 16.0 | 14.1         | 94.3   | 13.0        | 6.8               | 0.0           | 1.7        | SSE        | 0.0               |
| 06   | 29    | 20.8            | 26.8       | 15.3       | 22.0             | 20.8 | 20.0 | 19.0 | 16.1 | 14.1         | 85.4   | 0.0         | 16.7              | 0.3           | 5.0        | ESE        | 0.0               |
| 06   | 30    | 19.7            | 21.9       | 18.0       | 21.3             | 21.0 | 20.6 | 19.2 | 16.2 | 14.2         | 94.0   | 2.0         | 5.4               | 0.0           | 3.9        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 56.0        |                   |               |            |            |                   |
| 平均   | Mean  | 17.3            | 23.2       | 12.4       | 19.1             | 18.7 | 18.3 | 17.7 | 15.3 | 13.3         | 77.1   | 1.9         | 15.2              | 0.5           | 5.0        |            | 0.0               |
| 最大   | Max.  | 20.9            | 29.3       | 18.0       | 22.0             | 21.0 | 20.6 | 19.2 | 16.2 | 14.2         | 94.3   | 27.0        | 25.8              | 1.2           | 10.5       |            | 0.0               |
| 最低   | Min.  | 12.2            | 13.6       | 7.1        | 17.0             | 17.3 | 17.2 | 17.0 | 14.0 | 12.2         | 55.6   | 0.0         | 3.1               | 0.0           | 1.7        |            | 0.0               |

2017年 07月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 17.9            | 19.3       | 16.8       | 19.8             | 19.9 | 20.0 | 19.4 | 16.3 | 14.2         | 96.7   | 12.5        | 2.7               | 0.0           | 4.5        | E          | 0.0               |
| 07   | 2     | 20.3            | 24.8       | 17.5       | 20.7             | 20.0 | 19.7 | 19.4 | 16.4 | 14.3         | 92.9   | 0.5         | 7.5               | 0.2           | 3.6        | W          | 0.0               |
| 07   | 3     | 22.8            | 27.6       | 18.8       | 22.3             | 21.2 | 20.4 | 19.4 | 16.5 | 14.3         | 81.0   | 0.0         | 12.6              | 0.3           | 3.8        | WNW        | 0.0               |
| 07   | 4     | 21.5            | 24.1       | 18.8       | 21.2             | 21.0 | 20.7 | 19.7 | 16.6 | 14.4         | 87.9   | 41.5        | 4.4               | 0.2           | 3.6        | NNW        | 0.0               |
| 07   | 5     | 21.3            | 27.7       | 17.7       | 22.8             | 21.7 | 21.0 | 20.1 | 16.8 | 14.5         | 89.0   | 0.5         | 14.0              | 0.2           | 3.6        | E          | 0.0               |
| 07   | 6     | 21.2            | 26.7       | 17.6       | 22.9             | 22.1 | 21.5 | 20.3 | 17.0 | 14.5         | 85.6   | 0.0         | 13.0              | 0.4           | 5.2        | ESE        | 0.0               |
| 07   | 7     | 23.0            | 30.4       | 17.9       | 24.2             | 23.0 | 22.0 | 20.5 | 17.1 | 14.6         | 79.4   | 0.0         | 20.3              | 0.4           | 4.9        | SE         | 0.0               |
| 07   | 8     | 23.9            | 31.6       | 17.7       | 24.6             | 23.5 | 22.6 | 20.8 | 17.2 | 14.7         | 74.9   | 0.0         | 20.8              | 0.4           | 4.9        | SE         | 0.0               |
| 07   | 9     | 24.5            | 31.9       | 17.7       | 24.9             | 24.0 | 23.0 | 21.1 | 17.4 | 14.8         | 72.4   | 0.0         | 21.7              | 0.3           | 4.4        | SSE        | 0.0               |
| 07   | 10    | 24.7            | 32.0       | 18.0       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 07   | 11    | 24.4            | 30.7       | 17.8       | 25.6             | 24.6 | 23.7 | 21.7 | 17.8 | 15.0         | 77.5   | 0.0         | 21.2              | 0.4           | 5.4        | SE         | 0.0               |
| 07   | 12    | 23.6            | 31.5       | 19.5       | 25.2             | 24.6 | 23.9 | 22.0 | 17.9 | 15.1         | 85.6   | 21.5        | 13.5              | 0.2           | 4.3        | ESE        | 0.0               |
| 07   | 13    | 22.6            | 27.8       | 19.3       | 24.9             | 24.3 | 23.8 | 22.3 | 18.0 | 15.1         | 90.4   | 0.5         | 12.7              | 0.2           | 4.7        | ESE        | 0.0               |
| 07   | 14    | 22.7            | 30.0       | 18.4       | 24.5             | 24.0 | 23.6 | 22.4 | 18.3 | 15.3         | 86.5   | 0.5         | 15.2              | 0.2           | 4.8        | ESE        | 0.0               |
| 07   | 15    | 25.0            | 32.3       | 19.8       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 07   | 16    | 24.4            | 30.0       | 20.1       | 25.3             | 24.7 | 24.2 | 22.7 | 18.6 | 15.5         | 81.3   | 0.0         | 13.8              | 0.3           | 4.0        | SE         | 0.0               |
| 07   | 17    | 24.9            | 31.9       | 20.5       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 07   | 18    | 23.0            | 29.6       | 18.6       | 24.5             | 24.2 | 24.0 | 22.9 | 19.0 | 15.7         | 77.6   | 0.0         | 15.4              | 0.4           | 5.2        | ESE        | 0.0               |
| 07   | 19    | 23.2            | 29.2       | 17.0       | 24.4             | 24.0 | 23.8 | 22.9 | 19.2 | 15.8         | 74.9   | 0.0         | 18.0              | 0.5           | 5.2        | ESE        | 0.0               |
| 07   | 20    | 24.0            | 28.9       | 20.0       | 25.3             | 24.6 | 24.0 | 22.9 | 19.3 | 15.9         | 80.2   | 0.0         | 16.8              | 0.5           | 5.6        | SE         | 0.0               |
| 07   | 21    | 25.3            | 31.1       | 20.5       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 07   | 22    | 23.2            | 32.0       | 18.9       | 25.5             | 25.2 | 24.7 | 23.2 | 19.6 | 16.1         | 81.7   | 1.5         | 15.2              | 0.6           | 6.2        | W          | 0.0               |
| 07   | 23    | 21.0            | 23.6       | 18.9       | 23.4             | 23.8 | 24.0 | 23.3 | 19.7 | 16.2         | 93.7   | 1.0         | 4.4               | 0.1           | 2.5        | W          | 0.0               |
| 07   | 24    | 24.4            | 30.7       | 19.1       | 25.1             | 24.3 | 23.9 | 23.2 | 19.9 | 16.3         | 83.1   | 0.0         | 16.3              | 0.4           | 5.0        | ESE        | 0.0               |
| 07   | 25    | 23.4            | 28.6       | 20.7       | 24.9             | 24.6 | 24.3 | 23.2 | 19.9 | 16.4         | 90.8   | 2.0         | 8.0               | 0.2           | 4.0        | ESE        | 0.0               |
| 07   | 26    | 21.0            | 23.1       | 18.6       | 23.6             | 23.8 | 23.9 | 23.3 | 20.0 | 16.5         | 96.3   | 8.5         | 3.7               | 0.1           | 3.2        | E          | 0.0               |
| 07   | 27    | 20.0            | 23.4       | 16.9       | 23.0             | 23.0 | 23.3 | 23.2 | 20.0 | 16.6         | 91.5   | 1.0         | 8.4               | 0.1           | 4.0        | ESE        | 0.0               |
| 07   | 28    | 22.7            | 27.8       | 19.4       | 23.8             | 23.4 | 23.3 | 23.0 | 20.0 | 16.7         | 89.8   | 0.0         | 8.9               | 0.1           | 2.5        | ESE        | 0.0               |
| 07   | 29    | 21.1            | 22.9       | 19.1       | 23.2             | 23.2 | 23.4 | 23.0 | 20.0 | 16.7         | 96.4   | 27.5        | 2.5               | 0.2           | 3.7        | E          | 0.0               |
| 07   | 30    | 20.5            | 22.2       | 18.9       | 22.9             | 22.5 | 22.8 | 23.0 | 20.0 | 16.8         | 96.1   | 3.0         | 5.5               | 0.1           | 3.4        | E          | 0.0               |
| 07   | 31    | 24.2            | 31.7       | 19.0       | 25.8             | 24.3 | 23.5 | 22.9 | 20.0 | 16.9         | 84.7   | 0.5         | 22.0              | 0.3           | 5.2        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 122.5       |                   |               |            |            |                   |
| 平均   | Mean  | 22.8            | 28.2       | 18.7       | 23.9             | 23.3 | 22.9 | 21.9 | 18.4 | 15.5         | 85.8   | 4.0         | 12.5              | 0.3           | 4.3        |            |                   |
| 最大   | Max.  | 25.3            | 32.3       | 20.7       |                  |      |      |      |      |              |        | 41.5        |                   |               |            |            | 0.0               |
| 最低   | Min.  | 17.9            | 19.3       | 16.8       |                  |      |      |      |      |              |        | 0.0         |                   | 0.0           |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 10, 15, 17, 21

降水量 (precipitation): 10, 15, 17, 21

2017年 08月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 21.3            | 23.8       | 19.8       | 23.9             | 23.9 | 24.0 | 23.2 | 20.0 | 16.9         | 94.5   | 12.0        | 3.7               | 0.0           | 3.8        | W          | 0.0               |
| 08   | 2     | 18.8            | 21.3       | 17.3       | 22.5             | 22.7 | 23.1 | 23.3 | 20.1 | 17.0         | 97.3   | 5.0         | 4.2               | 0.2           | 3.5        | E          | 0.0               |
| 08   | 3     | 18.6            | 20.5       | 16.9       | 21.7             | 21.9 | 22.4 | 23.1 | 20.2 | 17.1         | 95.8   | 0.5         | 4.4               | 0.1           | 2.5        | E          | 0.0               |
| 08   | 4     | 22.0            | 28.5       | 18.7       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 08   | 5     | 23.9            | 29.3       | 18.7       | 25.0             | 23.9 | 23.4 | 22.8 | 20.3 | 17.3         | 86.9   | 0.0         | 15.3              | 0.3           | 5.2        | ESE        | 0.0               |
| 08   | 6     | 24.9            | 30.9       | 20.9       | 26.1             | 25.0 | 24.3 | 23.1 | 20.3 | 17.4         | 85.9   | 1.0         | 16.4              | 0.3           | 4.3        | ESE        | 0.0               |
| 08   | 7     | 22.5            | 28.8       | 18.3       | 24.6             | 24.5 | 24.4 | 23.5 | 20.3 | 17.5         | 90.9   | 53.0        | 11.6              | 0.3           | 4.4        | ESE        | 0.0               |
| 08   | 8     | 23.5            | 28.1       | 21.0       | 24.9             | 24.2 | 24.0 | 23.9 | 20.6 | 17.6         | 93.0   | 4.5         | 9.8               |               |            |            | 0.0               |
| 08   | 9     | 24.7            | 32.2       | 20.2       | 25.7             | 24.9 | 24.5 | 23.9 | 20.7 | 17.8         | 84.3   | 0.0         | 14.6              | 0.0           | 1.8        | SSW        | 0.0               |
| 08   | 10    | 23.2            | 27.7       | 20.5       | 25.1             | 24.8 | 24.7 | 24.0 | 20.8 | 18.0         | 89.6   | 0.0         | 8.6               | 0.0           | 1.5        | ESE        | 0.0               |
| 08   | 11    | 20.3            | 22.3       | 19.2       | 23.5             | 23.6 | 24.0 | 24.0 | 20.8 | 18.0         | 96.1   | 17.0        | 4.5               |               |            |            | 0.0               |
| 08   | 12    | 21.8            | 25.5       | 18.9       | 24.2             | 23.6 | 23.7 | 23.9 | 20.9 | 18.0         | 91.9   | 2.0         | 11.7              | 0.2           | 4.7        | ESE        | 0.0               |
| 08   | 13    | 22.0            | 28.0       | 20.3       | 24.2             | 23.9 | 23.9 | 23.8 | 21.0 | 18.1         | 92.4   | 5.5         | 8.3               | 0.1           | 4.1        | S          | 0.0               |
| 08   | 14    | 21.2            | 23.9       | 19.8       | 23.7             | 23.5 | 23.7 | 23.8 | 21.0 | 18.2         | 94.6   | 12.0        | 6.9               | 0.2           | 3.7        | ESE        | 0.0               |
| 08   | 15    | 19.4            | 20.4       | 18.5       | 22.3             | 22.7 | 23.2 | 23.8 | 21.1 | 18.2         | 97.7   | 14.0        | 2.4               | 0.0           | 2.1        | ESE        | 0.0               |
| 08   | 16    | 18.1            | 18.8       | 17.6       | 21.4             | 21.7 | 22.4 | 23.6 | 21.2 | 18.3         | 98.0   | 16.5        | 3.4               | 0.0           | 2.2        | ESE        | 0.0               |
| 08   | 17    | 19.7            | 22.2       | 17.5       | 22.0             | 21.8 | 22.2 | 23.3 | 21.2 | 18.5         | 95.2   | 0.5         | 6.7               | 0.1           | 3.2        | ESE        | 0.0               |
| 08   | 18    | 20.8            | 24.6       | 19.1       | 22.4             | 22.2 | 22.4 | 23.1 | 21.2 | 18.6         | 95.1   | 0.0         | 5.4               | 0.1           | 4.0        | ESE        | 0.0               |
| 08   | 19    | 22.4            | 29.5       | 18.3       | 23.8             | 23.1 | 22.9 | 23.1 | 21.1 | 18.7         | 87.6   | 33.0        | 16.1              | 0.3           | 4.2        | ESE        | 0.0               |
| 08   | 20    | 20.0            | 22.5       | 17.1       | 22.3             | 22.5 | 22.9 | 23.3 | 21.2 | 18.8         | 94.8   | 0.0         | 5.1               | 0.0           | 2.2        | ESE        | 0.0               |
| 08   | 21    | 22.4            | 27.6       | 18.7       | 24.2             | 23.4 | 23.1 | 23.2 | 21.2 | 18.9         | 89.0   | 0.0         | 15.7              | 0.4           | 4.9        | ESE        | 0.0               |
| 08   | 22    | 23.4            | 29.2       | 18.2       | 24.4             | 23.9 | 23.6 | 23.3 | 21.2 | 19.0         | 86.6   | 0.0         | 13.9              | 0.2           | 3.4        | SSE        | 0.0               |
| 08   | 23    | 23.1            | 29.4       | 18.2       | 24.3             | 23.9 | 23.8 | 23.5 | 21.2 | 19.0         | 84.7   | 0.0         | 13.1              | 0.3           | 3.4        | W          | 0.0               |
| 08   | 24    | 24.4            | 32.1       | 19.0       | 24.9             | 24.3 | 24.0 | 23.6 | 21.2 | 19.1         | 78.0   | 0.0         | 16.0              | 0.4           | 4.9        | WSW        | 0.0               |
| 08   | 25    | 23.1            | 29.2       | 19.9       | 24.1             | 24.0 | 24.1 | 23.8 | 21.3 | 19.1         | 85.5   | 0.5         | 7.9               | 0.2           | 3.5        | W          | 0.0               |
| 08   | 26    | 23.0            | 28.7       | 19.1       | 24.3             | 23.9 | 23.9 | 23.8 | 21.3 | 19.2         | 83.9   | 0.0         | 13.2              | 0.3           | 4.3        | ESE        | 0.0               |
| 08   | 27    | 20.5            | 23.5       | 18.1       | 22.8             | 23.2 | 23.7 | 23.8 | 21.4 | 19.2         | 83.5   | 0.0         | 5.6               | 0.1           | 2.7        | E          | 0.0               |
| 08   | 28    | 21.4            | 27.1       | 16.7       | 23.3             | 23.0 | 23.2 | 23.7 | 21.4 | 19.2         | 83.3   | 0.0         | 15.0              | 0.3           | 4.5        | SE         | 0.0               |
| 08   | 29    | 23.2            | 29.3       | 17.9       | 24.1             | 23.6 | 23.5 | 23.6 | 21.4 | 19.3         | 83.6   | 0.0         | 15.9              | 0.4           | 4.3        | SSE        | 0.0               |
| 08   | 30    | 22.0            | 28.3       | 18.5       | 23.5             | 23.5 | 23.6 | 23.6 | 21.4 | 19.3         | 88.3   | 6.5         | 8.7               | 0.3           | 3.7        | SE         | 0.0               |
| 08   | 31    | 18.0            | 20.8       | 14.5       | 22.5             | 22.8 | 23.3 | 23.6 | 21.4 | 19.2         | 96.6   | 3.5         | 5.1               | 0.4           | 4.6        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 187.0       |                   |               |            |            |                   |
| 平均   | Mean  | 21.7            | 26.2       | 18.6       | 23.7             | 23.5 | 23.5 | 23.5 | 20.9 | 18.3         | 90.2   | 6.0         | 9.6               | 0.2           | 3.6        |            | 0.0               |
| 最大   | Max.  | 24.9            | 32.2       | 21.0       |                  |      |      |      |      |              |        | 53.0        |                   |               |            |            | 0.0               |
| 最低   | Min.  | 18.0            | 18.8       | 14.5       |                  |      |      |      |      |              |        | 0.0         |                   | 0.0           |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 4

降水量 (precipitation): 4



2017年 09月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 18.8            | 25.6       | 13.8       |                  |      |      |      |      |              |        | 5.5         |                   |               |            |            | 0.0               |
| 09   | 2     | 16.6            | 24.0       | 12.1       | 21.3             | 21.3 | 22.0 | 23.2 | 21.3 | 19.3         | 87.5   | 18.0        | 16.4              | 0.4           | 5.3        | ESE        | 0.0               |
| 09   | 3     | 18.0            | 25.5       | 11.9       | 21.4             | 21.5 | 22.0 | 23.0 | 21.4 | 19.4         | 77.6   | 0.0         | 17.8              | 0.5           | 4.0        | SW         | 0.0               |
| 09   | 4     | 16.4            | 20.4       | 13.2       | 20.3             | 20.9 | 21.7 | 22.8 | 21.4 | 19.4         | 87.3   | 0.0         | 7.5               | 0.4           | 4.4        | ESE        | 0.0               |
| 09   | 5     | 18.7            | 23.3       | 15.2       | 21.1             | 21.0 | 21.5 | 22.6 | 21.3 | 19.4         | 86.2   | 1.0         | 10.6              | 0.3           | 4.5        | ESE        | 0.0               |
| 09   | 6     | 17.5            | 19.2       | 15.9       | 20.4             | 20.7 | 21.4 | 22.5 | 21.2 | 19.4         | 95.7   | 5.5         | 3.2               | 0.1           | 3.1        | E          | 0.0               |
| 09   | 7     | 18.0            | 20.6       | 16.0       | 20.2             | 20.4 | 21.1 | 22.3 | 21.1 | 19.4         | 95.7   | 0.0         | 4.0               | 0.1           | 3.1        | ESE        | 0.0               |
| 09   | 8     | 20.1            | 28.2       | 15.0       | 21.9             | 21.4 | 21.4 | 22.2 | 21.0 | 19.5         | 82.8   | 0.0         | 16.2              | 0.4           | 7.2        | SW         | 0.0               |
| 09   | 9     | 19.4            | 26.6       | 13.7       | 21.9             | 21.6 | 21.7 | 22.2 | 21.0 | 19.5         | 79.4   | 0.0         | 19.8              | 0.5           | 4.6        | S          | 0.0               |
| 09   | 10    | 20.6            | 28.3       | 15.8       | 22.4             | 22.1 | 22.0 | 22.3 | 20.9 | 19.5         | 79.3   | 0.0         | 17.3              | 0.4           | 4.6        | SE         | 0.0               |
| 09   | 11    | 20.2            | 25.2       | 15.8       | 21.9             | 21.9 | 22.1 | 22.4 | 20.9 | 19.5         | 77.6   | 0.0         | 11.2              | 0.6           | 7.3        | ESE        | 0.0               |
| 09   | 12    | 19.8            | 25.8       | 17.0       | 21.2             | 21.4 | 21.8 | 22.4 | 20.9 | 19.5         | 86.8   | 0.0         | 6.1               | 0.4           | 4.5        | W          | 0.0               |
| 09   | 13    | 20.7            | 28.1       | 15.4       | 21.9             | 21.7 | 21.7 | 22.3 | 20.9 | 19.6         | 78.2   | 0.0         | 17.0              | 0.5           | 4.1        | SSW        | 0.0               |
| 09   | 14    | 20.2            | 27.3       | 14.7       | 22.3             | 22.1 | 22.0 | 22.3 | 20.9 | 19.6         | 76.1   | 0.0         | 19.2              | 0.5           | 4.6        | SSE        | 0.0               |
| 09   | 15    | 18.7            | 25.8       | 13.3       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 09   | 16    | 13.9            | 15.3       | 11.9       |                  |      |      |      |      |              |        | 14.0        |                   |               |            |            | 0.0               |
| 09   | 17    | 15.0            | 16.9       | 13.7       |                  |      |      |      |      |              |        | 25.0        |                   |               |            |            | 0.0               |
| 09   | 18    | 22.0            | 30.3       | 16.0       | 20.9             | 19.9 | 19.8 | 21.3 | 20.7 | 19.5         | 75.5   | 22.5        | 19.2              | 1.1           | 16.0       | WNW        | 0.0               |
| 09   | 19    | 18.9            | 25.4       | 13.7       | 21.2             | 20.8 | 20.7 | 21.3 | 20.6 | 19.5         | 81.8   | 0.0         | 18.5              | 0.5           | 5.2        | SSE        | 0.0               |
| 09   | 20    | 16.8            | 22.3       | 13.8       | 19.9             | 20.2 | 20.7 | 21.4 | 20.5 | 19.5         | 81.1   | 0.0         | 7.4               | 0.4           | 4.0        | W          | 0.0               |
| 09   | 21    | 17.8            | 26.0       | 11.5       | 19.8             | 19.8 | 20.3 | 21.4 | 20.5 | 19.5         | 65.9   | 0.0         | 17.6              | 0.7           | 5.0        | WSW        | 0.0               |
| 09   | 22    | 15.7            | 19.1       | 11.4       | 18.8             | 19.3 | 20.1 | 21.3 | 20.4 | 19.6         | 86.7   | 2.0         | 7.1               | 0.4           | 3.7        | ESE        | 0.0               |
| 09   | 23    | 16.1            | 19.0       | 14.4       | 19.0             | 19.1 | 19.8 | 21.1 | 20.3 | 19.5         | 93.8   | 6.5         | 6.8               | 0.1           | 3.1        | ESE        | 0.0               |
| 09   | 24    | 18.0            | 24.2       | 14.1       | 20.1             | 19.7 | 19.9 | 21.0 | 20.2 | 19.5         | 87.5   | 0.0         | 12.9              | 0.4           | 4.5        | SE         | 0.0               |
| 09   | 25    | 18.6            | 25.3       | 13.6       | 20.9             | 20.5 | 20.4 | 21.0 | 20.2 | 19.5         | 83.0   | 0.5         | 17.7              | 0.5           | 5.0        | SSW        | 0.0               |
| 09   | 26    | 18.0            | 25.0       | 12.4       | 20.7             | 20.5 | 20.6 | 21.1 | 20.1 | 19.5         | 85.3   | 0.0         | 15.9              | 0.5           | 4.6        | SSW        | 0.0               |
| 09   | 27    | 17.0            | 22.0       | 13.4       | 19.8             | 20.1 | 20.5 | 21.2 | 20.1 | 19.5         | 88.8   | 4.5         | 8.0               | 0.3           | 3.4        | SSE        | 0.0               |
| 09   | 28    | 14.9            | 18.9       | 12.9       | 18.6             | 19.1 | 19.9 | 21.1 | 20.0 | 19.4         | 94.5   | 8.5         | 3.8               | 0.1           | 3.6        | E          | 0.0               |
| 09   | 29    | 15.7            | 22.4       | 10.8       | 19.2             | 19.1 | 19.6 | 20.9 | 20.0 | 19.4         | 79.8   | 0.0         | 16.7              | 0.4           | 4.0        | SSE        | 0.0               |
| 09   | 30    | 14.4            | 21.3       | 10.3       | 18.4             | 18.9 | 19.5 | 20.8 | 20.0 | 19.4         | 80.7   | 0.0         | 12.2              | 0.4           | 4.1        | S          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 113.5       |                   |               |            |            |                   |
| 平均   | Mean  | 17.9            | 23.6       | 13.8       | 20.6             | 20.6 | 20.9 | 21.8 | 20.7 | 19.5         | 83.6   | 3.8         | 12.7              | 0.4           | 4.9        |            | 0.0               |
| 最大   | Max.  | 22.0            | 30.3       | 17.0       |                  |      |      |      |      |              |        | 25.0        |                   |               |            |            | 0.0               |
| 最低   | Min.  | 13.9            | 15.3       | 10.3       |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 1・15~17

降水量 (precipitation): 1・15~17

2017年 10月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 14.8            | 21.5       | 8.3        | 18.1             | 18.3 | 19.1 | 20.6 | 20.0 | 19.4         | 79.0   | 0.0         | 15.3              | 0.5           | 4.6        | S          | 0.0               |
| 10   | 2     | 14.8            | 17.8       | 12.8       | 17.8             | 18.3 | 19.0 | 20.4 | 19.9 | 19.4         | 91.4   | 0.0         | 4.1               | 0.2           | 3.7        | ESE        | 0.0               |
| 10   | 3     | 18.0            | 24.8       | 13.3       | 18.9             | 18.7 | 19.0 | 20.3 | 19.8 | 19.4         | 82.5   | 0.5         | 9.8               | 0.3           | 4.3        | S          | 0.0               |
| 10   | 4     | 12.9            | 17.9       | 8.0        | 17.6             | 18.3 | 19.1 | 20.2 | 19.8 | 19.3         | 78.2   | 0.0         | 5.4               | 0.4           | 4.4        | ESE        | 0.0               |
| 10   | 5     | 10.7            | 17.0       | 6.0        | 16.1             | 16.9 | 18.1 | 20.1 | 19.7 | 19.4         | 78.3   | 0.0         | 11.5              | 0.4           | 3.8        | SE         | 0.0               |
| 10   | 6     | 10.2            | 12.5       | 8.2        | 15.0             | 16.0 | 17.5 | 19.7 | 19.6 | 19.3         | 93.1   | 31.5        | 3.6               | 0.1           | 3.9        | ESE        | 0.0               |
| 10   | 7     | 13.9            | 17.4       | 10.4       | 15.3             | 15.4 | 16.4 | 19.1 | 19.5 | 19.2         | 95.3   | 9.0         | 5.8               | 0.0           | 2.2        | W          | 0.0               |
| 10   | 8     | 18.0            | 24.7       | 13.5       | 18.0             | 17.3 | 17.3 | 18.8 | 19.3 | 19.2         | 86.2   | 0.0         | 14.2              | 0.4           | 4.6        | SSE        | 0.0               |
| 10   | 9     | 18.2            | 24.5       | 13.3       | 19.0             | 18.6 | 18.3 | 19.0 | 19.1 | 19.2         | 84.0   | 0.0         | 15.0              | 0.5           | 4.5        | S          | 0.0               |
| 10   | 10    | 18.9            | 27.3       | 13.2       | 19.3             | 18.9 | 18.8 | 19.2 | 19.0 | 19.2         | 82.1   | 0.0         | 14.7              | 0.4           | 3.7        | SSW        | 0.0               |
| 10   | 11    | 18.3            | 24.9       | 14.6       | 19.4             | 19.2 | 19.1 | 19.4 | 18.9 | 19.2         | 88.7   | 0.0         | 10.4              | 0.5           | 4.7        | SE         | 0.0               |
| 10   | 12    | 17.5            | 21.7       | 14.7       | 18.9             | 19.0 | 19.2 | 19.6 | 18.9 | 19.2         | 86.0   | 1.5         |                   |               |            |            | 0.0               |
| 10   | 13    | 11.8            | 14.8       | 10.5       | 16.5             | 17.4 | 18.5 | 19.6 | 18.8 | 19.1         | 98.8   | 26.5        | 0.8               | 0.1           | 4.6        | ESE        | 0.0               |
| 10   | 14    | 11.2            | 12.8       | 10.2       | 15.5             | 16.2 | 17.3 | 19.3 | 18.9 | 19.1         | 98.2   | 1.0         | 2.6               | 0.0           | 3.3        | E          | 0.0               |
| 10   | 15    | 11.2            | 12.7       | 9.3        | 15.1             | 15.8 | 16.9 | 19.0 | 18.8 | 19.0         | 98.9   | 14.0        | 1.3               | 0.0           | 3.2        | E          | 0.0               |
| 10   | 16    | 8.8             | 9.6        | 7.5        | 13.6             | 14.5 | 16.0 | 18.5 | 18.7 | 19.0         | 99.2   | 33.0        | 1.7               | 0.0           | 3.0        | E          | 0.0               |
| 10   | 17    | 9.7             | 12.9       | 7.4        | 13.0             | 13.6 | 14.9 | 17.9 | 18.6 | 19.0         | 97.9   | 12.5        | 3.3               | 0.0           | 0.0        | N          | 0.0               |
| 10   | 18    | 10.0            | 16.6       | 5.2        | 13.9             | 14.2 | 15.0 | 17.4 | 18.4 | 19.0         | 87.2   | 1.5         | 12.0              | 0.5           | 4.8        | ESE        | 0.0               |
| 10   | 19    | 6.8             | 8.4        | 5.8        | 12.1             | 13.2 | 14.6 | 17.2 | 18.2 | 18.9         | 98.5   | 25.0        | 2.3               | 0.0           | 2.8        | E          | 0.0               |
| 10   | 20    | 10.2            | 13.6       | 7.0        | 12.5             | 12.9 | 13.9 | 16.7 | 18.0 | 18.9         | 97.8   | 7.5         | 4.0               | 0.0           | 2.0        | ESE        | 0.0               |
| 10   | 21    | 12.2            | 13.8       | 10.9       | 13.6             | 13.7 | 14.4 | 16.4 | 17.7 | 18.8         | 99.0   | 6.5         | 1.7               | 0.0           | 2.7        | ESE        | 0.0               |
| 10   | 22    | 12.7            | 13.5       | 11.9       | 13.3             | 13.5 | 14.1 | 16.0 | 17.3 | 18.8         | 99.6   | 118.5       | 0.6               | 0.0           | 2.4        | E          | 0.0               |
| 10   | 23    | 11.5            | 16.7       | 7.1        | 12.8             | 13.0 | 13.3 | 14.9 | 16.3 | 18.8         | 79.9   | 87.0        | 7.7               | 1.2           | 12.6       | WNW        | 0.0               |
| 10   | 24    | 8.4             | 12.0       | 5.9        | 11.5             | 12.2 | 13.0 | 14.9 | 16.1 | 18.7         | 86.2   | 0.0         | 5.3               | 0.3           | 3.8        | ESE        | 0.0               |
| 10   | 25    | 7.7             | 8.8        | 6.3        | 11.0             | 11.7 | 12.8 | 14.8 | 16.1 | 18.5         | 97.1   | 7.5         | 1.8               | 0.2           | 4.1        | WNW        | 0.0               |
| 10   | 26    | 10.0            | 18.6       | 4.1        | 11.5             | 11.8 | 12.4 | 14.7 | 16.0 | 18.4         | 81.0   | 0.0         | 14.0              | 0.4           | 3.4        | SSW        | 0.0               |
| 10   | 27    | 10.6            | 18.9       | 4.8        | 12.1             | 12.2 | 12.8 | 14.6 | 15.9 | 18.4         | 80.4   | 0.0         | 13.2              | 0.4           | 3.8        | SSW        | 0.0               |
| 10   | 28    | 9.5             | 11.5       | 8.2        | 11.7             | 12.2 | 12.9 | 14.6 | 15.8 | 18.2         | 95.7   | 15.5        | 1.7               | 0.0           | 1.8        | W          | 0.0               |
| 10   | 29    | 10.5            | 11.7       | 9.1        | 11.5             | 11.7 | 12.4 | 14.3 | 15.5 | 18.1         | 99.3   | 74.0        | 1.2               | 0.0           | 3.3        | W          | 0.0               |
| 10   | 30    | 9.2             | 14.9       | 2.9        | 11.8             | 12.0 | 12.4 | 13.9 | 15.1 | 17.9         | 74.3   | 0.0         | 12.0              | 0.8           | 6.4        | W          | 0.0               |
| 10   | 31    | 6.8             | 14.2       | 1.7        | 10.1             | 10.9 | 12.0 | 13.9 | 15.1 | 17.8         | 72.5   | 0.0         | 10.1              | 0.6           | 5.5        | W          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 472.5       |                   |               |            |            |                   |
| 平均   | Mean  | 12.1            | 16.4       | 8.8        | 14.7             | 15.1 | 15.8 | 17.6 | 18.0 | 18.9         | 89.2   | 15.2        | 6.9               | 0.3           | 3.9        |            | 0.0               |
| 最大   | Max.  | 18.9            | 27.3       | 14.7       | 19.4             | 19.2 | 19.2 | 20.6 | 20.0 | 19.4         | 99.6   | 118.5       |                   |               |            |            | 0.0               |
| 最低   | Min.  | 6.8             | 8.4        | 1.7        | 10.1             | 10.9 | 12.0 | 13.9 | 15.1 | 17.8         | 72.5   | 0.0         |                   | 0.0           | 0.0        |            | 0.0               |

2017年 11月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 7.9             | 17.6       | 2.2        | 10.1             | 10.7 | 11.6 | 13.8 | 15.0 | 17.7         | 81.6   | 0.0         | 11.0              | 0.4           | 4.9        | SSW        | 0.0               |
| 11   | 2     | 10.2            | 18.6       | 5.0        | 10.6             | 10.9 | 11.6 | 13.6 | 15.0 | 17.7         | 69.2   | 0.0         | 11.9              | 0.6           | 3.7        | WSW        | 0.0               |
| 11   | 3     | 11.8            | 21.4       | 5.5        | 11.4             | 11.5 | 11.9 | 13.5 | 14.9 | 17.6         | 69.0   | 0.0         | 12.5              | 0.5           | 3.4        | SW         | 0.0               |
| 11   | 4     | 10.7            | 18.7       | 4.4        | 11.6             | 11.8 | 12.2 | 13.6 | 14.8 | 17.5         | 69.9   | 0.0         | 7.7               | 0.6           | 6.4        | E          | 0.0               |
| 11   | 5     | 6.9             | 16.0       | 1.2        | 10.2             | 11.0 | 11.9 | 13.6 | 14.7 | 17.4         | 69.4   | 0.0         | 12.6              | 0.6           | 4.5        | SW         | 0.0               |
| 11   | 6     | 8.8             | 17.9       | 2.2        | 10.0             | 10.6 | 11.5 | 13.5 | 14.7 | 17.3         | 68.8   | 0.0         | 12.7              | 0.5           | 3.0        | WSW        | 0.0               |
| 11   | 7     | 11.7            | 21.2       | 5.7        | 10.6             | 10.9 | 11.5 | 13.4 | 14.6 | 17.2         | 55.4   | 0.0         | 12.5              | 0.6           | 4.8        | W          | 0.0               |
| 11   | 8     | 10.6            | 13.7       | 8.4        | 10.6             | 11.0 | 11.7 | 13.3 | 14.5 | 17.1         | 74.9   | 0.0         | 1.9               | 0.4           | 3.5        | NW         | 0.0               |
| 11   | 9     | 9.8             | 17.0       | 2.7        | 10.5             | 10.9 | 11.6 | 13.3 | 14.4 | 17.1         | 61.4   | 0.0         | 11.9              | 0.8           | 5.6        | WNW        | 0.0               |
| 11   | 10    | 6.9             | 14.7       | 0.7        | 9.4              | 10.2 | 11.2 | 13.2 | 14.4 | 17.0         | 70.8   | 0.0         | 11.7              | 0.8           | 9.2        | SSW        | 0.0               |
| 11   | 11    | 12.0            | 18.8       | 3.3        | 10.6             | 10.8 | 11.3 | 13.1 | 14.3 | 16.9         | 54.9   | 1.0         | 9.1               | 2.3           | 14.9       | WNW        | 0.0               |
| 11   | 12    | 5.5             | 14.6       | 0.0        | 9.1              | 10.0 | 11.0 | 13.0 | 14.3 | 16.8         | 66.8   | 0.0         | 10.7              | 0.7           | 4.0        | WSW        | 0.0               |
| 11   | 13    | 6.2             | 14.3       | 0.6        | 8.8              | 9.5  | 10.5 | 12.8 | 14.2 | 16.8         | 76.4   | 0.0         | 10.7              | 0.7           | 4.2        | SSE        | 0.0               |
| 11   | 14    | 9.1             | 17.2       | 4.1        | 9.4              | 9.8  | 10.6 | 12.7 | 14.1 | 16.7         | 82.4   | 0.0         | 5.1               | 0.3           | 2.6        | WNW        | 0.0               |
| 11   | 15    | 7.6             | 15.4       | 3.2        | 9.4              | 9.9  | 10.6 | 12.6 | 14.0 | 16.6         | 74.6   | 0.0         | 8.8               | 0.5           | 4.9        | SSW        | 0.0               |
| 11   | 16    | 5.3             | 13.5       | 0.1        | 8.3              | 9.2  | 10.3 | 12.5 | 14.0 | 16.5         | 62.7   | 0.0         | 9.0               | 0.6           | 4.9        | SE         | 0.0               |
| 11   | 17    | 3.8             | 11.6       | -0.9       | 7.5              | 8.4  | 9.7  | 12.3 | 13.9 | 16.5         | 73.1   | 0.0         | 10.7              | 0.4           | 4.5        | S          | 0.0               |
| 11   | 18    | 4.7             | 8.1        | 1.0        | 7.2              | 8.1  | 9.4  | 12.0 | 13.8 | 16.4         | 78.4   | 0.0         | 1.8               | 0.3           | 9.5        | WNW        | 0.0               |
| 11   | 19    | 3.9             | 11.5       | -1.2       | 6.8              | 7.7  | 9.0  | 11.8 | 13.7 | 16.3         | 52.7   | 0.0         | 9.6               | 0.8           | 6.4        | W          | 0.0               |
| 11   | 20    | 1.2             | 7.7        | -2.2       | 5.7              | 6.9  | 8.5  | 11.5 | 13.6 | 16.3         | 73.9   | 0.0         | 6.2               | 0.5           | 6.2        | S          | 0.0               |
| 11   | 21    | 3.2             | 11.5       | -2.0       | 5.8              | 6.7  | 8.1  | 11.2 | 13.5 | 16.2         | 54.4   | 0.0         | 11.0              | 0.9           | 6.6        | SSW        | 0.0               |
| 11   | 22    | 1.5             | 8.2        | -3.4       | 5.0              | 6.0  | 7.7  | 10.9 | 13.3 | 16.2         | 79.6   | 1.0         | 5.7               | 0.4           | 4.6        | SSE        | 0.0               |
| 11   | 23    | 5.4             | 12.8       | 0.4        | 6.4              | 6.8  | 7.8  | 10.6 | 13.1 | 16.1         | 88.4   | 10.5        | 4.7               | 0.4           | 5.9        | NNW        | 0.0               |
| 11   | 24    | 3.6             | 11.6       | -0.6       | 5.8              | 6.5  | 7.7  | 10.5 | 12.9 | 16.0         | 58.3   | 0.0         | 9.9               | 1.2           | 9.0        | W          | 0.0               |
| 11   | 25    | 4.4             | 13.9       | -0.5       | 5.7              | 6.4  | 7.5  | 10.3 | 12.8 | 15.9         | 59.8   | 0.0         | 10.2              | 0.7           | 4.1        | SSW        | 0.0               |
| 11   | 26    | 6.8             | 17.1       | -1.1       | 6.1              | 6.5  | 7.5  | 10.1 | 12.6 | 15.9         | 54.2   | 0.0         | 9.9               | 0.8           | 7.4        | WNW        | 0.0               |
| 11   | 27    | 5.9             | 11.6       | 1.9        | 7.0              | 7.2  | 7.8  | 10.0 | 12.5 | 15.8         | 74.0   | 0.0         | 9.0               | 0.5           | 4.5        | SSE        | 0.0               |
| 11   | 28    | 5.9             | 14.3       | 0.5        | 7.4              | 7.6  | 8.2  | 10.1 | 12.3 | 15.7         | 77.9   | 0.0         | 10.1              | 0.8           | 3.8        | WSW        | 0.0               |
| 11   | 29    | 8.5             | 15.7       | 2.1        | 6.8              | 7.3  | 8.1  | 10.1 | 12.2 | 15.6         | 62.6   | 0.0         | 4.2               | 0.5           | 3.6        | NNW        | 0.0               |
| 11   | 30    | 6.5             | 10.4       | 4.9        | 7.2              | 7.5  | 8.2  | 10.1 | 12.1 | 15.6         | 88.9   | 0.0         | 3.0               | 0.5           | 4.0        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 12.5        |                   |               |            |            |                   |
| 平均   | Mean  | 6.9             | 14.6       | 1.6        | 8.3              | 8.9  | 9.9  | 12.1 | 13.8 | 16.6         | 69.5   | 0.4         | 8.9               | 0.6           | 5.5        |            |                   |
| 最大   | Max.  | 12.0            | 21.4       | 8.4        | 11.6             | 11.8 | 12.2 | 13.8 | 15.0 | 17.7         | 88.9   | 10.5        | 12.7              | 2.3           | 14.9       |            | 0.0               |
| 最低   | Min.  | 1.2             | 7.7        | -3.4       | 5.0              | 6.0  | 7.5  | 10.0 | 12.1 | 15.6         | 52.7   | 0.0         | 1.8               | 0.3           | 2.6        |            | 0.0               |

2017年 12月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 4.9             | 9.7        | 2.1        | 7.8              | 7.9 | 8.4 | 10.1 | 12.0 | 15.5         | 93.0   | 0.0         | 5.2               | 0.3           | 4.4        | SE         | 0.0               |
| 12   | 2     | 2.1             | 9.6        | -2.0       | 6.4              | 7.3 | 8.2 | 10.1 | 11.9 | 15.4         | 82.8   | 0.0         | 9.5               | 0.5           | 4.4        | SSE        | 0.0               |
| 12   | 3     | 3.3             | 12.7       | -2.1       | 5.6              | 6.4 | 7.6 | 10.0 | 11.9 | 15.3         | 70.1   | 0.0         | 9.7               | 0.5           | 4.1        | WSW        | 0.0               |
| 12   | 4     | 4.1             | 10.6       | -0.1       | 5.1              | 5.9 | 7.2 | 9.8  | 11.8 | 15.2         | 63.2   | 0.0         | 4.7               | 0.4           | 3.1        | WNW        | 0.0               |
| 12   | 5     | 5.2             | 12.8       | -0.2       | 5.5              | 6.1 | 7.1 | 9.6  | 11.7 | 15.2         | 44.2   | 0.0         | 9.4               | 1.6           | 11.5       | WNW        | 0.0               |
| 12   | 6     | 1.8             | 10.0       | -2.4       | 4.6              | 5.5 | 6.8 | 9.4  | 11.7 | 15.1         | 56.3   | 0.0         | 9.7               | 0.7           | 5.1        | SSE        | 0.0               |
| 12   | 7     | 1.5             | 10.4       | -3.5       | 4.0              | 5.0 | 6.3 | 9.2  | 11.6 | 15.0         | 67.7   | 0.0         | 9.5               | 0.5           | 3.8        | SSW        | 0.0               |
| 12   | 8     | 1.3             | 7.7        | -2.5       | 3.7              | 4.6 | 6.0 | 8.9  | 11.4 | 14.9         | 70.5   | 0.5         | 4.1               | 0.4           | 4.4        | N          | 0.0               |
| 12   | 9     | 0.1             | 7.8        | -4.3       | 3.6              | 4.5 | 5.8 | 8.7  | 11.3 | 14.9         | 66.1   | 0.0         | 9.0               | 0.7           | 4.5        | SW         | 0.0               |
| 12   | 10    | 2.5             | 11.0       | -3.0       | 3.5              | 4.2 | 5.5 | 8.5  | 11.2 | 14.8         | 59.1   | 0.0         | 9.2               | 0.8           | 8.3        | SSW        | 0.0               |
| 12   | 11    | 7.0             | 15.5       | 0.9        | 4.8              | 5.1 | 5.8 | 8.3  | 11.0 | 14.7         | 45.5   | 0.0         | 9.4               | 1.7           | 9.4        | W          | 0.0               |
| 12   | 12    | 1.5             | 8.1        | -3.0       | 3.8              | 4.7 | 5.8 | 8.3  | 10.9 | 14.7         | 34.4   | 0.0         | 9.5               | 1.5           | 9.4        | W          | 0.0               |
| 12   | 13    | -0.1            | 9.1        | -4.7       | 2.9              | 3.9 | 5.3 | 8.1  | 10.8 | 14.6         | 51.6   | 0.0         | 8.9               | 0.8           | 6.1        | SW         | 0.0               |
| 12   | 14    | 0.3             | 9.4        | -4.9       | 2.5              | 3.5 | 4.9 | 7.9  | 10.7 | 14.5         | 44.2   | 0.0         | 9.4               | 1.1           | 7.9        | W          | 0.0               |
| 12   | 15    | 0.1             | 7.7        | -3.1       | 2.5              | 3.3 | 4.7 | 7.7  | 10.5 | 14.4         | 58.0   | 0.0         | 6.4               | 0.5           | 4.0        | SSE        | 0.0               |
| 12   | 16    | 3.1             | 12.3       | -2.5       | 3.2              | 3.6 | 4.6 | 7.5  | 10.4 | 14.4         | 60.1   | 0.0         | 8.4               | 0.7           | 6.3        | WSW        | 0.0               |
| 12   | 17    | -0.5            | 5.2        | -5.2       | 2.5              | 3.5 | 4.8 | 7.4  | 10.3 | 14.3         | 53.3   | 0.0         | 4.3               | 1.4           | 8.8        | W          | 0.0               |
| 12   | 18    | -0.9            | 7.7        | -5.7       | 1.6              | 2.6 | 4.1 | 7.2  | 10.1 | 14.2         | 53.7   | 0.0         | 9.3               | 0.8           | 4.0        | W          | 0.0               |
| 12   | 19    | 1.6             | 10.3       | -3.3       | 1.9              | 2.6 | 3.9 | 7.0  | 10.0 | 14.1         | 51.1   | 0.0         | 8.4               | 1.0           | 10.1       | W          | 0.0               |
| 12   | 20    | -0.3            | 7.9        | -5.0       | 1.7              | 2.5 | 3.8 | 6.8  | 9.9  | 14.1         | 57.3   | 0.0         | 9.3               | 0.7           | 4.4        | WSW        | 0.0               |
| 12   | 21    | 0.7             | 9.1        | -3.4       | 1.8              | 2.5 | 3.7 | 6.6  | 9.7  | 14.0         | 56.3   | 0.0         | 8.7               | 0.6           | 4.1        | SW         | 0.0               |
| 12   | 22    | 1.1             | 10.0       | -3.7       | 1.9              | 2.5 | 3.6 | 6.5  | 9.6  | 13.9         | 58.5   | 0.0         | 9.2               | 0.7           | 3.6        | WSW        | 0.0               |
| 12   | 23    | 3.2             | 13.2       | -2.1       | 2.4              | 2.8 | 3.7 | 6.3  | 9.5  | 13.8         | 55.3   | 0.0         | 9.0               | 0.8           | 3.5        | W          | 0.0               |
| 12   | 24    | 2.8             | 12.0       | -1.4       | 2.8              | 3.1 | 3.9 | 6.3  | 9.3  | 13.7         | 64.9   | 0.0         | 6.8               | 0.6           | 4.9        | ESE        | 0.0               |
| 12   | 25    | 3.9             | 11.8       | -2.0       | 4.2              | 4.1 | 4.4 | 6.3  | 9.1  | 13.6         | 77.1   | 12.0        | 8.7               | 0.8           | 7.3        | NE         | 0.0               |
| 12   | 26    | 1.9             | 9.1        | -3.7       | 3.0              | 3.6 | 4.4 | 6.4  | 9.0  | 13.5         | 55.3   | 0.0         | 9.1               | 2.0           | 13.0       | W          | 0.0               |
| 12   | 27    | -0.4            | 4.9        | -3.9       | 2.1              | 2.9 | 4.1 | 6.4  | 8.9  | 13.4         | 41.3   | 0.0         | 7.2               | 2.1           | 12.6       | W          | 0.0               |
| 12   | 28    | -0.9            | 7.7        | -5.8       | 1.6              | 2.4 | 3.6 | 6.2  | 8.9  | 13.4         | 54.4   | 0.0         | 9.6               | 0.9           | 6.5        | ESE        | 0.0               |
| 12   | 29    | -0.2            | 8.6        | -5.7       | 1.4              | 2.1 | 3.3 | 6.0  | 8.8  | 13.3         | 52.9   | 0.0         | 9.5               | 0.9           | 5.1        | W          | 0.0               |
| 12   | 30    | 1.8             | 10.3       | -2.9       | 1.9              | 2.3 | 3.3 | 5.8  | 8.7  | 13.2         | 43.3   | 0.0         | 9.4               | 0.9           | 6.7        | W          | 0.0               |
| 12   | 31    | -1.2            | 3.3        | -3.2       | 1.3              | 2.1 | 3.3 | 5.7  | 8.6  | 13.1         | 73.4   | 0.0         | 3.4               | 0.5           | 3.8        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 12.5        |                   |               |            |            |                   |
| 平均   | Mean  | 1.7             | 9.5        | -3.0       | 3.3              | 4.0 | 5.1 | 7.7  | 10.4 | 14.3         | 58.5   | 0.4         | 8.2               | 0.9           | 6.3        |            |                   |
| 最大   | Max.  | 7.0             | 15.5       | 2.1        | 7.8              | 7.9 | 8.4 | 10.1 | 12.0 | 15.5         | 93.0   | 12.0        | 9.7               | 2.1           | 13.0       |            | 0.0               |
| 最低   | Min.  | -1.2            | 3.3        | -5.8       | 1.3              | 2.1 | 3.3 | 5.7  | 8.6  | 13.1         | 34.4   | 0.0         | 3.4               | 0.3           | 3.1        |            | 0.0               |

2018年 01月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 1.8             | 10.5       | -2.8       | 1.4              | 2.0 | 3.0 | 5.6 | 8.5 | 13.0         | 55.5   | 0.0         | 7.5               | 1.1           | 6.4        | WNW        | 0.0               |
| 01   | 2     | 2.0             | 9.1        | -2.3       | 1.7              | 2.1 | 3.0 | 5.5 | 8.4 | 12.9         | 44.6   | 0.0         | 9.7               | 1.4           | 7.9        | WNW        | 0.0               |
| 01   | 3     | -0.2            | 4.8        | -2.6       | 1.7              | 2.2 | 3.1 | 5.4 | 8.3 | 12.8         | 46.0   | 0.0         | 8.4               | 1.9           | 12.0       | W          | 0.0               |
| 01   | 4     | -0.6            | 8.7        | -4.9       | 1.3              | 1.9 | 3.0 | 5.4 | 8.2 | 12.8         | 44.9   | 0.0         | 9.5               | 1.0           | 7.4        | W          | 0.0               |
| 01   | 5     | -2.0            | 1.9        | -4.7       | 0.7              | 1.5 | 2.7 | 5.3 | 8.1 | 12.7         | 57.9   | 0.0         | 3.9               | 0.6           | 4.6        | SSW        | 0.0               |
| 01   | 6     | 0.3             | 10.0       | -5.4       | 0.8              | 1.4 | 2.5 | 5.1 | 8.0 | 12.6         | 49.0   | 0.0         | 9.3               | 0.7           | 4.5        | W          | 0.0               |
| 01   | 7     | 1.5             | 11.1       | -3.3       | 1.3              | 1.7 | 2.5 | 5.0 | 7.9 | 12.6         | 45.2   | 0.0         | 10.0              | 0.8           | 5.2        | ESE        | 0.0               |
| 01   | 8     | 0.4             | 7.6        | -2.9       | 1.3              | 1.7 | 2.7 | 4.9 | 7.8 | 12.5         | 77.4   | 15.5        | 3.8               | 0.5           | 4.9        | E          | 0.0               |
| 01   | 9     | 5.1             | 13.4       | -0.6       | 3.3              | 2.9 | 3.1 | 4.9 | 7.6 | 12.3         | 66.3   | 4.5         | 7.5               | 1.6           | 9.3        | WNW        | 0.0               |
| 01   | 10    | 2.2             | 7.1        | -1.6       | 2.1              | 2.6 | 3.4 | 5.0 | 7.6 | 12.3         | 39.9   | 0.0         | 7.2               | 1.8           | 13.6       | WNW        | 0.0               |
| 01   | 11    | -0.8            | 6.0        | -5.8       | 1.9              | 2.3 | 3.1 | 5.0 | 7.5 | 12.2         | 41.6   | 0.0         | 10.5              | 1.1           | 8.0        | W          | 0.0               |
| 01   | 12    | -2.7            | 4.9        | -7.3       | 0.7              | 1.6 | 2.7 | 5.0 | 7.5 | 12.1         | 43.4   | 0.0         | 8.0               | 1.2           | 7.6        | WSW        | 0.0               |
| 01   | 13    | -2.3            | 6.9        | -7.8       | 0.5              | 1.2 | 2.3 | 4.8 | 7.4 | 12.1         | 53.5   | 0.0         | 9.0               | 0.6           | 6.3        | WSW        | 0.0               |
| 01   | 14    | -0.9            | 7.5        | -5.6       | 0.7              | 1.2 | 2.1 | 4.6 | 7.3 | 12.0         | 45.8   | 0.0         | 10.7              | 0.7           | 6.0        | SW         | 0.0               |
| 01   | 15    | -0.3            | 10.7       | -7.1       | 0.6              | 1.1 | 2.1 | 4.5 | 7.2 | 11.9         | 49.8   | 0.0         | 10.5              | 0.7           | 3.8        | WSW        | 0.0               |
| 01   | 16    | 3.7             | 13.5       | -1.2       | 1.8              | 1.7 | 2.3 | 4.4 | 7.1 | 11.8         | 54.9   | 0.0         | 10.5              | 0.9           | 5.8        | W          | 0.0               |
| 01   | 17    | 4.1             | 9.0        | -0.4       | 2.4              | 2.3 | 2.8 | 4.4 | 7.0 | 11.7         | 81.1   | 12.0        | 2.4               | 0.8           | 8.7        | NW         | 0.0               |
| 01   | 18    | 5.1             | 12.4       | 0.7        | 3.9              | 3.4 | 3.4 | 4.5 | 6.9 | 11.6         | 80.7   | 0.0         | 8.8               | 0.6           | 6.7        | S          | 0.0               |
| 01   | 19    | 3.0             | 10.3       | -1.3       | 3.7              | 3.7 | 3.8 | 4.7 | 6.8 | 11.6         | 75.6   | 0.0         | 8.5               | 0.5           | 5.1        | S          | 0.0               |
| 01   | 20    | 1.7             | 8.1        | -0.6       | 3.6              | 3.7 | 4.0 | 4.9 | 6.8 | 11.5         | 82.7   | 0.0         | 4.8               | 0.2           | 3.6        | SSE        | 0.0               |
| 01   | 21    | 2.2             | 10.1       | -2.0       | 3.3              | 3.4 | 3.9 | 5.0 | 6.8 | 11.4         | 70.1   | 0.0         | 10.0              | 0.6           | 3.6        | SSW        | 0.0               |
| 01   | 22    | -2.5            | 1.3        | -4.3       | 2.1              | 2.7 | 3.6 | 5.1 | 6.8 | 11.3         | 88.2   | 5.0         | 2.2               | 0.3           | 4.3        | ESE        | 0.0               |
| 01   | 23    | -0.3            | 6.8        | -4.4       | 2.0              | 2.5 | 3.3 | 5.0 | 6.8 | 11.3         | 68.5   | 7.5         | 7.7               | 1.2           | 12.4       | WNW        | 15.0              |
| 01   | 24    | -4.2            | 1.1        | -7.6       | 1.3              | 2.0 | 2.9 | 4.9 | 6.8 | 11.2         | 47.5   | 0.0         | 8.2               | 2.1           | 10.6       | W          | 0.0               |
| 01   | 25    | -5.2            | 2.1        | -10.0      | 0.6              | 1.4 | 2.5 | 4.8 | 6.8 | 11.1         | 44.2   | 0.0         | 11.8              | 1.2           | 8.2        | WSW        | 0.0               |
| 01   | 26    | -5.1            | 3.9        | -10.5      | 0.2              | 1.0 | 2.1 | 4.6 | 6.7 | 11.1         | 47.8   | 0.0         | 11.9              | 1.2           | 10.0       | WSW        | 0.0               |
| 01   | 27    | -2.9            | 4.7        | -8.6       | 0.2              | 0.9 | 1.8 | 4.3 | 6.7 | 11.0         | 42.7   | 0.0         | 12.0              | 1.3           | 6.7        | W          | 0.0               |
| 01   | 28    | -4.1            | 3.6        | -9.0       | 0.0              | 0.7 | 1.7 | 4.2 | 6.6 | 11.0         | 61.9   | 0.0         | 6.6               | 0.6           | 4.9        | S          | 0.0               |
| 01   | 29    | -0.1            | 8.1        | -5.6       | 0.4              | 0.8 | 1.6 | 4.0 | 6.5 | 10.9         | 67.7   | 0.0         | 11.5              | 0.8           | 5.0        | S          | 0.0               |
| 01   | 30    | -1.9            | 6.1        | -6.8       | 0.8              | 1.2 | 1.7 | 3.9 | 6.4 | 10.8         | 55.2   | 0.0         | 12.3              | 0.9           | 4.7        | SSW        | 0.0               |
| 01   | 31    | -1.0            | 7.5        | -7.0       | 1.0              | 1.3 | 1.9 | 3.8 | 6.3 | 10.8         | 53.6   | 0.0         | 11.2              | 0.8           | 3.6        | W          | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 44.5        |                   |               |            |            |                   |
| 平均   | Mean  | -0.1            | 7.4        | -4.6       | 1.5              | 1.9 | 2.7 | 4.8 | 7.3 | 11.8         | 57.5   | 1.4         | 8.6               | 1.0           | 6.8        |            |                   |
| 最大   | Max.  | 5.1             | 13.5       | 0.7        | 3.9              | 3.7 | 4.0 | 5.6 | 8.5 | 13.0         | 88.2   | 15.5        | 12.3              | 2.1           | 13.6       |            | 15.0              |
| 最低   | Min.  | -5.2            | 1.1        | -10.5      | 0.0              | 0.7 | 1.6 | 3.8 | 6.3 | 10.8         | 39.9   | 0.0         | 2.2               | 0.2           | 3.6        |            | 0.0               |

2018年 02月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | -1.6            | 2.6        | -4.0       | 0.5              | 1.1 | 1.9 | 3.8 | 6.3 | 10.7         | 79.0   | 3.0         | 3.7               | 0.3           | 3.2        | SSE        | 0.0               |
| 02   | 2     | -2.2            | -0.2       | -3.7       | 0.8              | 1.1 | 1.8 | 3.8 | 6.2 | 10.6         | 94.7   | 9.0         | 0.5               | 0.0           | 1.9        | ESE        | 20.0              |
| 02   | 3     | -0.1            | 7.0        | -4.9       | 1.0              | 1.3 | 1.9 | 3.7 | 6.1 | 10.6         | 91.2   | 0.0         | 7.1               | 0.1           | 2.5        | SSE        | 0.0               |
| 02   | 4     | -0.7            | 6.2        | -4.5       | 1.1              | 1.4 | 2.0 | 3.7 | 6.0 | 10.5         | 71.0   | 0.0         | 7.8               | 0.9           | 5.7        | W          | 0.0               |
| 02   | 5     | -2.4            | 4.7        | -7.1       | 0.7              | 1.2 | 1.9 | 3.7 | 5.9 | 10.4         | 57.3   | 0.0         | 11.6              | 1.2           | 7.6        | W          | 0.0               |
| 02   | 6     | -3.3            | 4.3        | -8.1       | 0.8              | 1.1 | 1.8 | 3.6 | 5.9 | 10.4         | 44.4   | 0.0         | 13.7              | 1.6           | 9.1        | W          | 0.0               |
| 02   | 7     | -2.9            | 5.1        | -9.0       | 0.7              | 1.1 | 1.7 | 3.6 | 5.8 | 10.3         | 45.7   | 0.0         | 13.6              | 1.5           | 10.7       | W          | 0.0               |
| 02   | 8     | -3.6            | 4.0        | -8.6       | 0.1              | 0.7 | 1.6 | 3.5 | 5.8 | 10.3         | 52.0   | 0.0         | 7.7               | 0.8           | 5.4        | WSW        | 0.0               |
| 02   | 9     | -1.8            | 7.5        | -8.7       | 0.3              | 0.7 | 1.4 | 3.4 | 5.7 | 10.2         | 48.1   | 0.0         | 13.0              | 0.9           | 4.1        | WSW        | 0.0               |
| 02   | 10    | 1.4             | 10.9       | -4.4       | 1.2              | 1.2 | 1.5 | 3.3 | 5.7 | 10.1         | 61.4   | 0.5         | 9.7               | 0.6           | 4.0        | WSW        | 0.0               |
| 02   | 11    | 3.3             | 13.7       | -2.8       | 3.4              | 2.7 | 2.4 | 3.4 | 5.5 | 10.1         | 62.1   | 0.5         | 13.7              | 0.9           | 9.4        | W          | 0.0               |
| 02   | 12    | -1.2            | 4.7        | -4.3       | 2.3              | 2.6 | 2.8 | 3.6 | 5.5 | 10.0         | 29.1   | 0.0         | 12.4              | 2.4           | 12.1       | W          | 0.0               |
| 02   | 13    | -1.4            | 3.9        | -5.3       | 1.4              | 1.9 | 2.5 | 3.7 | 5.5 | 9.9          | 38.9   | 0.0         | 10.0              | 2.1           | 9.7        | W          | 0.0               |
| 02   | 14    | 2.3             | 11.4       | -6.4       | 2.0              | 1.9 | 2.3 | 3.7 | 5.5 | 9.9          | 38.4   | 0.0         | 14.6              | 1.9           | 12.7       | WSW        | 0.0               |
| 02   | 15    | 7.5             | 15.8       | -2.8       | 4.3              | 3.6 | 3.1 | 3.7 | 5.4 | 9.8          | 40.7   | 0.0         | 12.8              | 2.3           | 13.9       | W          | 0.0               |
| 02   | 16    | 1.0             | 9.2        | -5.0       | 3.7              | 3.7 | 3.6 | 4.0 | 5.4 | 9.7          | 64.3   | 0.0         | 13.2              | 0.6           | 4.4        | SSE        | 0.0               |
| 02   | 17    | 0.3             | 9.6        | -5.0       | 3.3              | 3.5 | 3.7 | 4.2 | 5.4 | 9.7          | 58.7   | 0.0         | 9.9               | 1.6           | 12.1       | W          | 0.0               |
| 02   | 18    | -1.3            | 7.1        | -6.5       | 3.0              | 3.2 | 3.4 | 4.3 | 5.5 | 9.6          | 42.0   | 0.0         | 14.8              | 1.3           | 6.7        | SSW        | 0.0               |
| 02   | 19    | 0.3             | 9.5        | -6.6       | 3.2              | 3.2 | 3.4 | 4.3 | 5.5 | 9.5          | 51.7   | 0.0         | 14.8              | 0.8           | 5.8        | SSW        | 0.0               |
| 02   | 20    | 2.4             | 11.3       | -3.7       | 4.2              | 3.9 | 3.8 | 4.4 | 5.5 | 9.5          | 54.7   | 0.0         | 15.0              | 0.7           | 5.6        | SSW        | 0.0               |
| 02   | 21    | 0.1             | 5.4        | -3.0       | 3.1              | 3.5 | 3.9 | 4.5 | 5.5 | 9.4          | 60.3   | 0.0         | 7.9               | 0.5           | 4.3        | SSE        | 0.0               |
| 02   | 22    | -0.9            | 6.5        | -4.2       | 3.0              | 3.2 | 3.6 | 4.6 | 5.6 | 9.4          | 79.7   | 1.5         | 8.5               | 0.6           | 6.1        | SSE        | 0.0               |
| 02   | 23    | 0.7             | 8.4        | -3.0       | 4.5              | 4.1 | 3.9 | 4.6 | 5.6 | 9.3          | 76.9   | 0.0         | 14.0              | 0.7           | 5.1        | S          | 5.0               |
| 02   | 24    | 2.7             | 13.6       | -4.5       | 4.3              | 4.2 | 4.2 | 4.7 | 5.6 | 9.3          | 50.3   | 0.0         | 14.6              | 1.0           | 10.4       | WSW        | 0.0               |
| 02   | 25    | 0.1             | 7.1        | -3.1       | 3.6              | 4.0 | 4.2 | 4.8 | 5.7 | 9.3          | 70.7   | 0.0         | 9.5               | 0.5           | 4.3        | SSE        | 0.0               |
| 02   | 26    | 2.0             | 9.3        | -3.1       | 4.2              | 4.0 | 4.1 | 4.9 | 5.7 | 9.2          | 67.5   | 0.0         | 12.4              | 0.7           | 6.1        | SE         | 0.0               |
| 02   | 27    | 2.7             | 10.5       | -1.4       | 5.4              | 5.0 | 4.7 | 5.0 | 5.7 | 9.2          | 72.1   | 0.0         | 13.1              | 0.6           | 5.2        | SSE        | 0.0               |
| 02   | 28    | 4.4             | 13.2       | -1.8       | 4.9              | 4.9 | 4.9 | 5.2 | 5.8 | 9.1          | 54.5   | 0.0         | 10.9              | 0.7           | 5.2        | S          | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 14.5        |                   |               |            |            |                   |
| 平均   | Mean  | 0.3             | 7.9        | -4.8       | 2.5              | 2.6 | 2.9 | 4.1 | 5.7 | 9.9          | 59.2   | 0.5         | 11.1              | 1.0           | 6.9        |            |                   |
| 最大   | Max.  | 7.5             | 15.8       | -1.4       | 5.4              | 5.0 | 4.9 | 5.2 | 6.3 | 10.7         | 94.7   | 9.0         | 15.0              | 2.4           | 13.9       |            | 20.0              |
| 最低   | Min.  | -3.6            | -0.2       | -9.0       | 0.1              | 0.7 | 1.4 | 3.3 | 5.4 | 9.1          | 29.1   | 0.0         | 0.5               | 0.0           | 1.9        |            | 0.0               |

2018年 03月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 6.2             | 16.1       | 0.3        | 5.7              | 5.2  | 5.0  | 5.3 | 5.7 | 9.1          | 64.4   | 35.5        | 14.3              | 2.3           | 15.6       | WNW        | 0.0               |
| 03   | 2     | 5.0             | 13.3       | -1.6       | 6.1              | 5.8  | 5.4  | 5.4 | 5.8 | 9.1          | 37.9   | 0.0         | 17.4              | 1.9           | 11.9       | WSW        | 0.0               |
| 03   | 3     | 5.1             | 14.8       | -2.0       | 6.3              | 5.9  | 5.6  | 5.6 | 5.8 | 9.1          | 53.5   | 0.0         | 15.8              | 0.7           | 5.5        | SSE        | 0.0               |
| 03   | 4     | 9.5             | 21.0       | 0.5        | 7.6              | 6.9  | 6.2  | 5.8 | 5.9 | 9.0          | 52.9   | 0.0         | 16.9              | 0.9           | 5.2        | WSW        | 0.0               |
| 03   | 5     | 8.6             | 11.8       | 4.3        | 7.5              | 7.2  | 6.8  | 6.1 | 5.9 | 8.9          | 86.9   | 19.5        | 3.6               | 1.0           | 6.4        | ENE        | 0.0               |
| 03   | 6     | 5.6             | 13.4       | -2.5       | 9.2              | 8.3  | 7.4  | 6.5 | 6.0 | 8.9          | 69.5   | 0.0         | 17.3              | 0.7           | 6.3        | SE         | 0.0               |
| 03   | 7     | 0.2             | 8.2        | -4.6       | 7.0              | 7.3  | 7.3  | 6.8 | 6.1 | 8.9          | 72.0   | 0.0         | 13.0              | 0.6           | 5.1        | SE         | 0.0               |
| 03   | 8     | 1.4             | 4.5        | -1.4       | 5.3              | 6.0  | 6.5  | 6.9 | 6.2 | 8.8          | 95.6   | 51.5        | 3.1               | 0.0           | 3.5        | N          | 0.0               |
| 03   | 9     | 5.4             | 8.9        | 1.1        | 5.6              | 5.5  | 5.7  | 6.7 | 6.3 | 8.7          | 98.4   | 28.0        | 1.7               | 0.0           | 4.2        | E          | 0.0               |
| 03   | 10    | 3.7             | 12.0       | -1.2       | 7.5              | 6.8  | 6.3  | 6.5 | 6.4 | 8.5          | 75.7   | 0.5         | 17.4              | 0.4           | 4.9        | SE         | 0.0               |
| 03   | 11    | 3.5             | 10.7       | -1.2       | 7.9              | 7.5  | 7.0  | 6.7 | 6.4 | 8.5          | 80.5   | 0.0         | 17.3              | 0.6           | 6.8        | SE         | 0.0               |
| 03   | 12    | 4.7             | 14.8       | -2.0       | 7.9              | 7.7  | 7.3  | 6.9 | 6.5 | 8.5          | 60.8   | 0.0         | 19.0              | 0.7           | 6.7        | SE         | 0.0               |
| 03   | 13    | 7.1             | 17.2       | -1.0       | 8.2              | 7.9  | 7.4  | 7.1 | 6.5 | 8.5          | 58.5   | 0.0         | 17.4              | 0.6           | 6.7        | S          | 0.0               |
| 03   | 14    | 12.2            | 23.5       | 4.6        | 9.6              | 8.8  | 8.0  | 7.3 | 6.6 | 8.5          | 43.5   | 0.0         | 18.0              | 0.9           | 5.7        | WSW        | 0.0               |
| 03   | 15    | 11.9            | 19.9       | 5.6        | 9.7              | 9.2  | 8.6  | 7.6 | 6.7 | 8.5          | 56.2   | 0.0         | 11.3              | 0.6           | 5.3        | SW         | 0.0               |
| 03   | 16    | 8.5             | 14.8       | 0.9        | 9.1              | 9.1  | 8.8  | 7.9 | 6.8 | 8.5          | 73.6   | 0.5         | 4.3               | 0.7           | 7.1        | E          | 0.0               |
| 03   | 17    | 3.3             | 11.6       | -3.1       | 8.5              | 8.4  | 8.3  | 8.1 | 7.0 | 8.6          | 62.9   | 0.0         | 19.3              | 0.7           | 5.6        | SE         | 0.0               |
| 03   | 18    | 4.8             | 14.3       | -2.4       | 7.9              | 8.0  | 8.1  | 8.1 | 7.1 | 8.6          | 69.0   | 0.0         | 13.7              | 0.4           | 4.1        | SSE        | 0.0               |
| 03   | 19    | 7.8             | 11.7       | 3.4        | 7.8              | 7.9  | 8.0  | 8.1 | 7.2 | 8.6          | 71.7   | 0.5         | 4.5               | 0.1           | 3.3        | WSW        | 0.0               |
| 03   | 20    | 4.6             | 6.6        | 1.2        | 7.5              | 7.7  | 7.9  | 8.1 | 7.3 | 8.6          | 98.1   | 7.5         | 1.8               | 0.2           | 3.7        | ESE        | 0.0               |
| 03   | 21    | -0.8            | 1.2        | -1.6       | 5.1              | 6.1  | 7.1  | 8.1 | 7.4 | 8.7          | 98.0   | 15.0        | 0.3               | 0.0           | 3.9        | ESE        | 0.0               |
| 03   | 22    | 2.5             | 8.4        | -0.6       | 3.8              | 4.8  | 6.0  | 7.7 | 7.4 | 8.7          | 95.6   | 33.0        | 9.4               | 0.0           | 1.6        | NNE        | 25.0              |
| 03   | 23    | 5.4             | 14.0       | 1.4        | 4.1              | 4.5  | 5.1  | 7.1 | 7.5 | 8.7          | 78.8   | 0.5         | 17.1              | 0.5           | 6.4        | ESE        | 0.0               |
| 03   | 24    | 6.2             | 14.7       | -0.2       | 7.1              | 6.2  | 5.7  | 6.7 | 7.4 | 8.7          | 79.3   | 0.0         | 17.6              | 0.5           | 5.0        | SSE        | 0.0               |
| 03   | 25    | 8.2             | 19.6       | 0.3        | 8.5              | 7.7  | 7.0  | 6.8 | 7.3 | 8.7          | 53.8   | 0.0         | 20.6              | 0.8           | 6.9        | S          | 0.0               |
| 03   | 26    | 11.3            | 22.6       | 2.4        | 9.5              | 8.7  | 7.9  | 7.2 | 7.2 | 8.8          | 50.7   | 0.0         | 19.5              | 0.7           | 5.2        | SSE        | 0.0               |
| 03   | 27    | 12.1            | 21.1       | 5.7        | 10.4             | 9.6  | 8.7  | 7.7 | 7.2 | 8.8          | 51.7   | 0.0         | 16.9              | 0.7           | 4.1        | S          | 0.0               |
| 03   | 28    | 13.2            | 23.0       | 6.0        | 11.2             | 10.4 | 9.4  | 8.1 | 7.2 | 8.8          | 55.4   | 0.0         | 17.8              | 0.7           | 4.5        | SSW        | 0.0               |
| 03   | 29    | 14.3            | 23.5       | 6.8        | 12.0             | 11.1 | 10.0 | 8.6 | 7.3 | 8.8          | 50.3   | 0.0         | 18.8              | 1.0           | 6.1        | SSW        | 0.0               |
| 03   | 30    | 9.6             | 18.1       | 1.9        | 11.9             | 11.4 | 10.6 | 9.0 | 7.4 | 8.8          | 42.5   | 0.0         | 21.6              | 1.0           | 6.7        | SE         | 0.0               |
| 03   | 31    | 8.0             | 17.2       | -0.2       | 11.0             | 10.7 | 10.3 | 9.3 | 7.6 | 8.9          | 57.7   | 0.0         | 20.1              | 0.7           | 5.7        | SSE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |     |     |              |        | 192.0       |                   |               |            |            |                   |
| 平均   | Mean  | 6.7             | 14.6       | 0.7        | 7.9              | 7.7  | 7.4  | 7.2 | 6.7 | 8.7          | 67.6   | 6.2         | 13.8              | 0.7           | 5.8        |            |                   |
| 最大   | Max.  | 14.3            | 23.5       | 6.8        | 12.0             | 11.4 | 10.6 | 9.3 | 7.6 | 9.1          | 98.4   | 51.5        | 21.6              | 2.3           | 15.6       |            | 25.0              |
| 最低   | Min.  | -0.8            | 1.2        | -4.6       | 3.8              | 4.5  | 5.0  | 5.3 | 5.7 | 8.5          | 37.9   | 0.0         | 0.3               | 0.0           | 1.6        |            | 0.0               |

2018年 04月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 12.0            | 21.3       | 4.1        | 12.0             | 11.3 | 10.5 | 9.5  | 7.8  | 8.9          | 59.5   | 0.0         | 19.7              | 0.8           | 5.9        | SSE        | 0.0               |
| 04   | 2     | 14.1            | 22.8       | 7.7        | 12.7             | 12.0 | 11.1 | 9.8  | 7.9  | 8.9          | 59.6   | 0.0         | 15.3              | 0.7           | 5.3        | ESE        | 0.0               |
| 04   | 3     | 14.9            | 23.3       | 7.9        | 13.9             | 12.8 | 11.7 | 10.1 | 8.1  | 8.9          | 67.1   | 0.0         | 18.4              | 0.8           | 6.1        | S          | 0.0               |
| 04   | 4     | 16.6            | 26.0       | 8.8        | 14.4             | 13.5 | 12.4 | 10.5 | 8.2  | 8.9          | 51.8   | 0.0         | 19.7              | 1.2           | 10.0       | W          | 0.0               |
| 04   | 5     | 10.4            | 17.0       | 5.6        | 13.3             | 13.1 | 12.5 | 10.9 | 8.5  | 9.0          | 72.0   | 0.0         | 12.2              | 0.8           | 5.4        | SE         | 0.0               |
| 04   | 6     | 14.9            | 21.4       | 6.9        | 13.7             | 13.0 | 12.3 | 11.1 | 8.6  | 9.0          | 67.9   | 2.5         | 15.4              | 3.4           | 15.1       | WNW        | 0.0               |
| 04   | 7     | 10.1            | 13.5       | 2.6        | 13.1             | 13.1 | 12.7 | 11.3 | 8.9  | 9.0          | 84.8   | 1.5         | 4.7               | 0.7           | 5.8        | E          | 0.0               |
| 04   | 8     | 6.1             | 12.5       | 0.8        | 11.3             | 11.5 | 11.7 | 11.4 | 9.1  | 9.1          | 40.7   | 0.0         | 21.0              | 1.4           | 8.0        | W          | 0.0               |
| 04   | 9     | 6.8             | 14.7       | -0.4       | 10.2             | 10.7 | 11.1 | 11.3 | 9.3  | 9.1          | 47.0   | 0.0         | 16.2              | 1.6           | 11.5       | WNW        | 0.0               |
| 04   | 10    | 8.7             | 17.8       | 0.4        | 11.0             | 10.8 | 10.8 | 11.1 | 9.4  | 9.2          | 53.2   | 0.0         | 22.0              | 0.7           | 5.5        | SSE        | 0.0               |
| 04   | 11    | 11.8            | 17.9       | 4.4        | 11.5             | 11.3 | 11.2 | 11.0 | 9.5  | 9.2          | 69.2   | 9.0         | 11.0              | 2.0           | 13.6       | W          | 0.0               |
| 04   | 12    | 13.2            | 23.0       | 7.8        | 13.4             | 12.6 | 11.8 | 11.1 | 9.5  | 9.3          | 63.8   | 0.0         | 20.0              | 0.9           | 7.8        | WNW        | 0.0               |
| 04   | 13    | 9.4             | 18.0       | 3.1        | 12.8             | 12.6 | 12.2 | 11.3 | 9.6  | 9.3          | 43.6   | 0.0         | 22.5              | 1.0           | 8.0        | SSE        | 0.0               |
| 04   | 14    | 8.3             | 15.0       | 1.9        | 11.2             | 11.6 | 11.8 | 11.5 | 9.7  | 9.4          | 66.9   | 0.5         | 9.4               | 1.5           | 15.9       | WNW        | 0.0               |
| 04   | 15    | 11.6            | 20.9       | 5.3        | 12.6             | 12.0 | 11.7 | 11.5 | 9.8  | 9.4          | 83.2   | 9.5         | 13.4              | 1.1           | 16.0       | ESE        | 0.0               |
| 04   | 16    | 8.6             | 15.7       | 2.4        | 11.6             | 11.8 | 11.8 | 11.5 | 9.9  | 9.5          | 64.1   | 0.0         | 13.3              | 0.5           | 4.2        | ESE        | 0.0               |
| 04   | 17    | 6.8             | 7.4        | 6.0        | 10.3             | 10.9 | 11.4 | 11.6 | 10.0 | 9.6          | 93.5   | 1.5         | 1.4               | 0.0           | 2.5        | ESE        | 0.0               |
| 04   | 18    | 9.3             | 15.9       | 6.3        | 11.5             | 11.0 | 11.0 | 11.4 | 10.0 | 9.6          | 91.6   | 15.0        | 11.3              | 0.1           | 5.7        | SE         | 0.0               |
| 04   | 19    | 13.8            | 22.5       | 5.4        | 14.1             | 12.9 | 12.0 | 11.4 | 10.1 | 9.7          | 75.5   | 0.0         | 23.5              | 0.5           | 5.0        | SE         | 0.0               |
| 04   | 20    | 15.0            | 24.4       | 7.8        | 14.9             | 14.1 | 13.1 | 11.7 | 10.1 | 9.8          | 56.3   | 0.0         | 23.0              | 1.0           | 8.1        | W          | 0.0               |
| 04   | 21    | 16.9            | 27.6       | 7.2        | 15.3             | 14.5 | 13.6 | 12.2 | 10.2 | 9.9          | 58.8   | 0.0         | 23.8              | 0.6           | 4.8        | SE         | 0.0               |
| 04   | 22    | 19.5            | 28.5       | 12.9       | 16.4             | 15.4 | 14.3 | 12.5 | 10.3 | 9.9          | 48.2   | 0.0         | 22.2              | 0.7           | 4.8        | SSE        | 0.0               |
| 04   | 23    | 13.0            | 18.9       | 10.3       | 15.0             | 14.9 | 14.5 | 13.0 | 10.4 | 10.0         | 86.0   | 0.0         | 7.9               | 0.4           | 6.3        | ESE        | 0.0               |
| 04   | 24    | 10.8            | 13.1       | 9.6        | 13.7             | 13.9 | 13.9 | 13.2 | 10.6 | 10.1         | 96.6   | 1.0         | 2.9               | 0.2           | 4.6        | ESE        | 0.0               |
| 04   | 25    | 13.9            | 20.1       | 10.5       | 14.5             | 13.8 | 13.5 | 13.2 | 10.8 | 10.1         | 92.6   | 43.0        | 10.6              | 0.2           | 4.6        | SE         | 0.0               |
| 04   | 26    | 14.5            | 22.7       | 7.6        | 16.0             | 15.2 | 14.3 | 13.3 | 11.0 | 10.2         | 60.2   | 0.0         | 24.3              | 0.5           | 6.6        | SSE        | 0.0               |
| 04   | 27    | 12.9            | 19.1       | 8.9        | 14.8             | 14.7 | 14.5 | 13.5 | 11.2 | 10.2         | 73.9   | 0.0         | 12.3              | 0.6           | 4.2        | ESE        | 0.0               |
| 04   | 28    | 15.0            | 24.0       | 6.6        | 15.4             | 14.8 | 14.3 | 13.6 | 11.3 | 10.3         | 53.6   | 0.0         | 24.7              | 0.6           | 5.4        | S          | 0.0               |
| 04   | 29    | 15.6            | 23.9       | 7.3        | 16.0             | 15.4 | 14.7 | 13.7 | 11.4 | 10.4         | 66.6   | 0.0         | 23.3              | 0.5           | 5.4        | SE         | 0.0               |
| 04   | 30    | 15.7            | 23.5       | 8.8        | 16.3             | 15.8 | 15.1 | 13.9 | 11.5 | 10.5         | 71.9   | 0.0         | 17.8              | 0.6           | 5.9        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 83.5        |                   |               |            |            |                   |
| 平均   | Mean  | 12.3            | 19.7       | 6.1        | 13.4             | 13.0 | 12.6 | 11.8 | 9.7  | 9.5          | 67.3   | 2.8         | 16.1              | 0.9           | 7.2        |            |                   |
| 最大   | Max.  | 19.5            | 28.5       | 12.9       | 16.4             | 15.8 | 15.1 | 13.9 | 11.5 | 10.5         | 96.6   | 43.0        | 24.7              | 3.4           | 16.0       |            | 0.0               |
| 最低   | Min.  | 6.1             | 7.4        | -0.4       | 10.2             | 10.7 | 10.5 | 9.5  | 7.8  | 8.9          | 40.7   | 0.0         | 1.4               | 0.0           | 2.5        |            | 0.0               |



2018年 05月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 18.0            | 26.6       | 9.3        | 16.8             | 16.2 | 15.4 | 14.2 | 11.6 | 10.5         | 54.5   | 0.0         | 23.5              | 0.6           | 5.5        | SE         | 0.0               |
| 05   | 2     | 14.9            | 18.1       | 12.0       | 15.7             | 15.7 | 15.5 | 14.4 | 11.8 | 10.6         | 77.7   | 1.0         | 6.5               | 0.7           | 6.9        | ESE        | 0.0               |
| 05   | 3     | 16.8            | 25.7       | 10.8       | 17.3             | 16.3 | 15.5 | 14.5 | 11.9 | 10.7         | 84.1   | 8.5         | 16.3              | 0.6           | 7.0        | SE         | 0.0               |
| 05   | 4     | 12.0            | 19.1       | 5.7        | 16.1             | 16.2 | 15.9 | 14.7 | 12.0 | 10.7         | 55.6   | 0.0         | 18.9              | 0.9           | 9.3        | WSW        | 0.0               |
| 05   | 5     | 13.8            | 23.9       | 4.7        | 15.4             | 15.3 | 15.2 | 14.8 | 12.2 | 10.8         | 46.4   | 0.0         | 25.0              | 0.8           | 8.8        | WSW        | 0.0               |
| 05   | 6     | 17.6            | 25.4       | 9.4        | 16.4             | 15.8 | 15.4 | 14.7 | 12.3 | 10.9         | 46.5   | 0.0         | 22.0              | 1.1           | 9.9        | W          | 0.0               |
| 05   | 7     | 14.3            | 17.6       | 10.6       | 15.9             | 15.9 | 15.7 | 14.8 | 12.4 | 11.0         | 80.5   | 25.0        | 6.4               | 0.9           | 7.2        | ESE        | 0.0               |
| 05   | 8     | 9.0             | 10.9       | 6.9        | 13.8             | 14.3 | 14.9 | 14.9 | 12.5 | 11.0         | 98.5   | 18.0        | 2.8               | 0.4           | 4.2        | ESE        | 0.0               |
| 05   | 9     | 7.0             | 10.3       | 3.7        | 11.9             | 12.5 | 13.4 | 14.7 | 12.7 | 11.1         | 96.4   | 27.5        | 6.7               | 0.2           | 4.4        | ESE        | 0.0               |
| 05   | 10    | 8.2             | 14.5       | 4.1        | 12.8             | 12.9 | 13.2 | 14.3 | 12.9 | 11.2         | 90.9   | 5.5         | 12.2              | 0.1           | 4.3        | ESE        | 0.0               |
| 05   | 11    | 12.0            | 21.0       | 3.2        | 13.9             | 13.5 | 13.4 | 14.1 | 12.9 | 11.3         | 75.1   | 0.0         | 24.2              | 0.4           | 4.8        | SE         | 0.0               |
| 05   | 12    | 15.2            | 22.6       | 7.6        | 15.1             | 14.6 | 14.2 | 14.1 | 12.8 | 11.4         | 68.6   | 0.0         | 19.0              | 0.3           | 4.4        | ESE        | 0.0               |
| 05   | 13    | 13.3            | 18.1       | 11.8       | 14.5             | 14.6 | 14.6 | 14.3 | 12.8 | 11.5         | 88.5   | 37.5        | 5.1               | 0.0           | 3.3        | WSW        | 0.0               |
| 05   | 14    | 16.4            | 25.3       | 10.2       | 16.3             | 15.4 | 14.7 | 14.4 | 12.9 | 11.6         | 70.1   | 0.0         | 25.5              | 0.7           | 7.7        | W          | 0.0               |
| 05   | 15    | 17.9            | 27.1       | 9.4        | 16.9             | 16.2 | 15.5 | 14.7 | 12.9 | 11.7         | 56.7   | 0.0         | 24.5              | 0.7           | 5.2        | WNW        | 0.0               |
| 05   | 16    | 20.8            | 29.7       | 12.7       | 18.3             | 17.3 | 16.3 | 15.0 | 13.0 | 11.8         | 66.1   | 0.0         | 22.8              | 0.4           | 5.2        | SE         | 0.0               |
| 05   | 17    | 20.9            | 28.4       | 16.2       | 18.7             | 18.0 | 17.0 | 15.4 | 13.0 | 11.9         | 73.0   | 0.0         | 11.1              | 0.3           | 2.9        | W          | 0.0               |
| 05   | 18    | 20.1            | 24.4       | 17.0       | 19.1             | 18.3 | 17.4 | 15.7 | 13.1 | 12.0         | 84.1   | 0.0         | 9.2               | 0.4           | 5.2        | ESE        | 0.0               |
| 05   | 19    | 17.3            | 25.2       | 7.9        | 19.8             | 19.0 | 18.0 | 16.1 | 13.3 | 12.0         | 77.1   | 0.5         | 18.5              | 0.8           | 7.0        | ESE        | 0.0               |
| 05   | 20    | 12.8            | 20.2       | 5.6        | 18.0             | 17.9 | 17.6 | 16.4 | 13.5 | 12.1         | 58.0   | 0.0         | 25.0              | 0.7           | 6.4        | S          | 0.0               |
| 05   | 21    | 16.3            | 24.8       | 9.3        | 18.6             | 18.1 | 17.5 | 16.5 | 13.6 | 12.1         | 47.1   | 0.0         | 24.2              | 0.6           | 5.4        | SW         | 0.0               |
| 05   | 22    | 17.0            | 26.0       | 10.1       | 18.8             | 18.3 | 17.7 | 16.6 | 13.8 | 12.2         | 51.0   | 0.0         | 24.1              | 0.7           | 5.8        | E          | 0.0               |
| 05   | 23    | 12.8            | 15.3       | 9.3        | 16.6             | 17.1 | 17.3 | 16.7 | 14.0 | 12.3         | 79.8   | 1.0         | 6.7               | 0.4           | 3.3        | ESE        | 0.0               |
| 05   | 24    | 17.1            | 24.9       | 12.0       | 18.5             | 17.8 | 17.2 | 16.6 | 14.1 | 12.3         | 76.7   | 1.5         | 19.0              | 0.6           | 4.9        | E          | 0.0               |
| 05   | 25    | 18.4            | 27.4       | 9.8        | 18.7             | 18.2 | 17.6 | 16.7 | 14.2 | 12.4         | 58.5   | 0.0         | 22.0              | 0.7           | 5.4        | ENE        | 0.0               |
| 05   | 26    | 18.3            | 24.8       | 13.6       | 19.1             | 18.6 | 18.0 | 16.8 | 14.2 | 12.5         | 60.1   | 0.0         | 15.6              | 0.7           | 4.5        | E          | 0.0               |
| 05   | 27    | 18.6            | 26.2       | 11.2       | 19.9             | 19.1 | 18.3 | 17.0 | 14.3 | 12.5         | 70.7   | 0.0         | 20.4              | 0.5           | 5.1        | ESE        | 0.0               |
| 05   | 28    | 17.7            | 22.5       | 13.9       | 19.3             | 19.1 | 18.6 | 17.2 | 14.5 | 12.6         | 83.9   | 0.0         | 8.8               | 0.4           | 4.1        | SSE        | 0.0               |
| 05   | 29    | 18.2            | 24.7       | 11.9       | 19.1             | 18.8 | 18.3 | 17.4 | 14.6 | 12.7         | 75.8   | 0.0         | 14.2              | 0.5           | 4.0        | S          | 0.0               |
| 05   | 30    | 15.9            | 19.0       | 13.1       | 18.3             | 18.4 | 18.3 | 17.4 | 14.7 | 12.7         | 85.7   | 11.0        | 5.6               | 0.2           | 2.9        | SE         | 0.0               |
| 05   | 31    | 13.9            | 17.6       | 11.4       | 17.3             | 17.5 | 17.7 | 17.4 | 14.7 | 12.8         | 94.3   | 6.0         | 6.7               | 0.1           | 3.2        | WNW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 143.0       |                   |               |            |            |                   |
| 平均   | Mean  | 15.6            | 22.2       | 9.8        | 17.0             | 16.7 | 16.3 | 15.6 | 13.2 | 11.7         | 72.0   | 4.6         | 15.9              | 0.5           | 5.4        |            |                   |
| 最大   | Max.  | 20.9            | 29.7       | 17.0       | 19.9             | 19.1 | 18.6 | 17.4 | 14.7 | 12.8         | 98.5   | 37.5        | 25.5              | 1.1           | 9.9        |            | 0.0               |
| 最低   | Min.  | 7.0             | 10.3       | 3.2        | 11.9             | 12.5 | 13.2 | 14.1 | 11.6 | 10.5         | 46.4   | 0.0         | 2.8               | 0.0           | 2.9        |            | 0.0               |

2018年 06月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 15.8            | 24.0       | 8.9        | 18.8             | 18.1 | 17.6 | 17.3 | 14.8 | 12.9         | 72.9   | 0.0         | 25.1              | 0.7           | 7.2        | SE         | 0.0               |
| 06   | 2     | 17.3            | 25.9       | 9.4        | 19.7             | 19.1 | 18.4 | 17.4 | 14.9 | 12.9         | 69.4   | 0.0         | 25.3              | 0.7           | 5.0        | SSE        | 0.0               |
| 06   | 3     | 18.9            | 27.2       | 11.6       | 20.4             | 19.7 | 18.9 | 17.6 | 15.0 | 13.0         | 63.6   | 0.0         | 26.2              | 0.5           | 6.7        | SE         | 0.0               |
| 06   | 4     | 19.1            | 27.5       | 12.0       | 20.6             | 20.1 | 19.3 | 17.9 | 15.1 | 13.1         | 58.6   | 0.0         | 26.3              | 0.7           | 4.9        | ESE        | 0.0               |
| 06   | 5     | 18.5            | 26.7       | 11.6       | 20.0             | 19.8 | 19.3 | 18.1 | 15.2 | 13.2         | 63.5   | 0.0         | 18.6              | 0.6           | 4.4        | ESE        | 0.0               |
| 06   | 6     | 16.0            | 18.0       | 14.4       | 19.0             | 19.2 | 19.1 | 18.2 | 15.3 | 13.2         | 93.9   | 14.5        | 4.6               | 0.1           | 2.5        | W          | 0.0               |
| 06   | 7     | 19.9            | 28.3       | 13.9       | 21.2             | 20.1 | 19.2 | 18.2 | 15.4 | 13.3         | 80.2   | 2.0         | 25.1              | 0.4           | 4.9        | SE         | 0.0               |
| 06   | 8     | 20.4            | 27.4       | 14.0       | 21.9             | 21.2 | 20.2 | 18.5 | 15.5 | 13.3         | 80.4   | 1.5         | 21.7              | 0.5           | 6.9        | ESE        | 0.0               |
| 06   | 9     | 20.6            | 26.8       | 15.8       | 22.1             | 21.6 | 20.7 | 18.8 | 15.6 | 13.4         | 77.9   | 0.5         | 17.0              | 0.3           | 3.8        | ESE        | 0.0               |
| 06   | 10    | 15.6            | 17.9       | 13.7       | 19.7             | 20.2 | 20.3 | 19.1 | 15.8 | 13.5         | 93.2   | 3.5         | 2.1               | 0.3           | 4.0        | E          | 0.0               |
| 06   | 11    | 15.8            | 17.9       | 13.6       | 18.4             | 18.6 | 19.0 | 19.0 | 15.8 | 13.5         | 96.0   | 25.5        | 4.5               | 0.0           | 1.3        | WSW        | 0.0               |
| 06   | 12    | 17.4            | 20.8       | 15.1       | 19.4             | 19.2 | 19.0 | 18.8 | 16.0 | 13.6         | 93.8   | 2.0         | 8.0               | 0.2           | 4.5        | E          | 0.0               |
| 06   | 13    | 17.7            | 25.3       | 12.9       | 20.4             | 19.9 | 19.4 | 18.8 | 16.1 | 13.7         | 79.8   | 0.0         | 20.6              | 0.4           | 4.7        | ESE        | 0.0               |
| 06   | 14    | 17.5            | 25.1       | 11.1       | 20.5             | 20.2 | 19.7 | 18.9 | 16.2 | 13.8         | 79.3   | 1.0         | 20.8              | 0.6           | 5.3        | ESE        | 0.0               |
| 06   | 15    | 14.1            | 15.8       | 11.9       | 19.0             | 19.5 | 19.6 | 19.0 | 16.3 | 13.9         | 97.6   | 3.5         | 2.8               | 0.3           | 3.4        | E          | 0.0               |
| 06   | 16    | 11.6            | 13.1       | 10.6       | 17.4             | 18.0 | 18.6 | 18.9 | 16.4 | 13.9         | 97.1   | 1.5         | 5.1               | 0.3           | 4.0        | ESE        | 0.0               |
| 06   | 17    | 12.8            | 16.4       | 10.3       | 17.3             | 17.5 | 18.0 | 18.6 | 16.5 | 14.0         | 94.0   | 0.5         | 7.6               | 0.2           | 3.8        | ESE        | 0.0               |
| 06   | 18    | 13.6            | 15.2       | 11.8       | 17.0             | 17.4 | 17.8 | 18.4 | 16.5 | 14.1         | 94.9   | 0.0         | 3.6               | 0.0           | 2.3        | E          | 0.0               |
| 06   | 19    | 18.4            | 25.8       | 11.2       | 19.6             | 18.7 | 18.1 | 18.2 | 16.5 | 14.2         | 82.6   | 0.0         | 22.2              | 0.4           | 5.3        | ESE        | 0.0               |
| 06   | 20    | 16.7            | 18.1       | 15.8       | 19.0             | 19.1 | 19.0 | 18.4 | 16.4 | 14.3         | 96.8   | 20.0        | 3.0               | 0.0           | 1.9        | E          | 0.0               |
| 06   | 21    | 18.6            | 22.2       | 15.4       | 19.6             | 19.2 | 18.9 | 18.5 | 16.4 | 14.3         | 93.0   | 1.5         | 8.8               | 0.1           | 2.9        | ESE        | 0.0               |
| 06   | 22    | 18.6            | 27.0       | 11.7       | 20.5             | 20.0 | 19.4 | 18.6 | 16.4 | 14.4         | 78.6   | 0.0         | 20.8              | 0.5           | 5.0        | SE         | 0.0               |
| 06   | 23    | 15.5            | 19.5       | 12.8       | 18.7             | 19.2 | 19.3 | 18.8 | 16.5 | 14.5         | 92.7   | 12.5        | 4.5               | 0.1           | 4.1        | W          | 0.0               |
| 06   | 24    | 18.5            | 26.7       | 12.3       | 19.4             | 19.1 | 18.9 | 18.8 | 16.5 | 14.6         | 83.2   | 0.5         | 17.1              | 0.2           | 4.0        | SSE        | 0.0               |
| 06   | 25    | 22.2            | 31.3       | 14.5       | 21.3             | 20.5 | 19.7 | 18.8 | 16.6 | 14.6         | 67.4   | 0.0         | 25.0              | 0.5           | 5.8        | SW         | 0.0               |
| 06   | 26    | 22.3            | 28.7       | 17.6       | 22.5             | 21.7 | 20.7 | 19.1 | 16.6 | 14.7         | 79.0   | 0.0         | 19.9              | 0.4           | 5.1        | ESE        | 0.0               |
| 06   | 27    | 23.8            | 27.6       | 19.1       | 22.1             | 21.8 | 21.1 | 19.5 | 16.7 | 14.8         | 71.1   | 0.0         | 9.6               | 0.9           | 9.8        | W          | 0.0               |
| 06   | 28    | 23.0            | 26.4       | 19.9       | 22.4             | 21.9 | 21.2 | 19.8 | 16.9 | 14.9         | 82.1   | 0.0         | 11.0              | 0.4           | 4.3        | ESE        | 0.0               |
| 06   | 29    | 25.0            | 30.5       | 19.9       | 23.4             | 22.7 | 21.7 | 20.0 | 17.0 | 14.9         | 62.6   | 0.0         | 24.9              | 2.0           | 11.2       | W          | 0.0               |
| 06   | 30    | 26.0            | 34.0       | 20.3       | 24.2             | 23.5 | 22.3 | 20.3 | 17.1 | 15.0         | 63.9   | 0.0         | 24.0              | 1.0           | 8.3        | WSW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 90.5        |                   |               |            |            |                   |
| 平均   | Mean  | 18.4            | 23.9       | 13.8       | 20.2             | 19.9 | 19.5 | 18.7 | 16.1 | 13.9         | 81.3   | 3.0         | 15.2              | 0.4           | 4.9        |            |                   |
| 最大   | Max.  | 26.0            | 34.0       | 20.3       | 24.2             | 23.5 | 22.3 | 20.3 | 17.1 | 15.0         | 97.6   | 25.5        | 26.3              | 2.0           | 11.2       |            | 0.0               |
| 最低   | Min.  | 11.6            | 13.1       | 8.9        | 17.0             | 17.4 | 17.6 | 17.3 | 14.8 | 12.9         | 58.6   | 0.0         | 2.1               | 0.0           | 1.3        |            | 0.0               |

2018年 07月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 25.0            | 32.1       | 18.5       | 24.8             | 24.0 | 22.8 | 20.7 | 17.3 | 15.1         | 72.9   | 0.0         | 24.4              | 0.6           | 5.5        | SSE        | 0.0               |
| 07   | 2     | 25.1            | 33.0       | 18.6       | 25.0             | 24.4 | 23.3 | 21.1 | 17.5 | 15.1         | 73.7   | 0.0         | 22.3              | 0.6           | 5.4        | SSW        | 0.0               |
| 07   | 3     | 25.5            | 32.1       | 20.4       | 25.1             | 24.6 | 23.6 | 21.4 | 17.7 | 15.2         | 69.3   | 0.0         | 20.9              | 0.7           | 5.6        | SW         | 0.0               |
| 07   | 4     | 24.2            | 27.6       | 20.3       | 23.1             | 23.4 | 23.2 | 21.6 | 17.9 | 15.3         | 65.4   | 0.0         | 6.6               | 2.8           | 12.7       | WNW        | 0.0               |
| 07   | 5     | 22.2            | 25.0       | 20.3       | 22.7             | 22.7 | 22.5 | 21.6 | 18.0 | 15.3         | 86.8   | 11.0        | 6.9               | 0.7           | 11.1       | NW         | 0.0               |
| 07   | 6     | 18.5            | 20.3       | 16.4       | 21.4             | 21.7 | 21.9 | 21.5 | 18.0 | 15.3         | 96.9   | 29.5        | 3.2               | 0.3           | 4.9        | ESE        | 0.0               |
| 07   | 7     | 16.8            | 18.1       | 15.3       | 20.3             | 20.7 | 21.2 | 21.3 | 18.2 | 15.4         | 97.2   | 0.0         | 3.6               | 0.6           | 4.8        | E          | 0.0               |
| 07   | 8     | 20.9            | 25.4       | 17.2       | 21.1             | 20.9 | 20.9 | 21.1 | 18.3 | 15.5         | 87.7   | 0.0         | 9.3               | 0.5           | 6.7        | E          | 0.0               |
| 07   | 9     | 21.6            | 28.6       | 16.4       | 22.6             | 22.0 | 21.5 | 21.0 | 18.3 | 15.5         | 86.2   | 6.5         | 18.4              | 0.5           | 6.1        | ESE        | 0.0               |
| 07   | 10    | 22.7            | 30.1       | 18.5       | 23.3             | 22.9 | 22.3 | 21.2 | 18.4 | 15.6         | 86.9   | 71.5        | 18.7              | 0.5           | 3.9        | SW         | 0.0               |
| 07   | 11    | 22.3            | 28.6       | 18.1       | 23.5             | 23.1 | 22.7 | 22.0 | 18.9 | 15.9         | 89.0   | 1.5         | 17.1              | 0.2           | 9.7        | E          | 0.0               |
| 07   | 12    | 21.9            | 26.3       | 19.4       | 23.4             | 23.2 | 22.9 | 22.1 | 18.9 | 16.0         | 90.9   | 10.5        | 9.9               | 0.2           | 3.8        | ESE        | 0.0               |
| 07   | 13    | 24.0            | 32.0       | 18.5       | 24.5             | 23.9 | 23.2 | 22.2 | 19.0 | 16.1         | 82.7   | 0.0         | 20.8              | 0.3           | 4.2        | ESE        | 0.0               |
| 07   | 14    | 25.7            | 33.2       | 19.6       | 25.5             | 24.9 | 23.9 | 22.4 | 19.1 | 16.3         | 76.3   | 0.0         | 24.0              | 0.4           | 4.8        | SSE        | 0.0               |
| 07   | 15    | 26.3            | 33.8       | 20.6       | 26.2             | 25.6 | 24.6 | 22.7 | 19.3 | 16.4         | 78.1   | 0.0         | 21.9              | 0.4           | 4.2        | S          | 0.0               |
| 07   | 16    | 26.1            | 33.0       | 21.4       | 26.2             | 25.8 | 25.0 | 23.1 | 19.4 | 16.5         | 78.9   | 4.5         | 17.3              | 0.5           | 6.3        | S          | 0.0               |
| 07   | 17    | 25.9            | 33.5       | 19.6       | 26.3             | 25.8 | 25.0 | 23.4 | 19.6 | 16.6         | 81.0   | 0.5         | 21.1              | 0.2           | 4.0        | ESE        | 0.0               |
| 07   | 18    | 26.8            | 34.1       | 21.2       | 26.8             | 26.4 | 25.5 | 23.6 | 19.7 | 16.7         | 76.1   | 0.0         | 22.1              | 0.4           | 4.6        | SSE        | 0.0               |
| 07   | 19    | 26.7            | 33.1       | 21.0       | 26.7             | 26.4 | 25.6 | 23.9 | 19.9 | 16.8         | 77.4   | 0.0         | 20.5              | 0.4           | 4.4        | SSE        | 0.0               |
| 07   | 20    | 26.1            | 32.6       | 20.9       | 26.6             | 26.4 | 25.7 | 24.1 | 20.1 | 16.9         | 78.7   | 0.0         | 19.2              | 0.4           | 5.2        | SE         | 0.0               |
| 07   | 21    | 26.4            | 33.8       | 20.9       | 26.5             | 26.3 | 25.7 | 24.2 | 20.3 | 17.0         | 76.6   | 0.0         | 18.3              | 0.3           | 3.9        | SSE        | 0.0               |
| 07   | 22    | 27.0            | 33.6       | 21.9       | 26.6             | 26.3 | 25.7 | 24.3 | 20.5 | 17.1         | 73.9   | 0.0         | 19.1              | 0.3           | 4.1        | SE         | 0.0               |
| 07   | 23    | 27.2            | 36.2       | 21.4       | 26.5             | 26.4 | 25.8 | 24.4 | 20.7 | 17.2         | 62.7   | 0.0         | 23.7              | 0.7           | 7.4        | W          | 0.0               |
| 07   | 24    | 26.6            | 34.0       | 20.2       | 26.4             | 26.4 | 25.8 | 24.5 | 20.9 | 17.3         | 65.3   | 0.0         | 24.2              | 0.6           | 4.6        | S          | 0.0               |
| 07   | 25    | 25.3            | 30.9       | 20.5       | 26.0             | 26.1 | 25.7 | 24.5 | 21.1 | 17.4         | 75.4   | 0.0         | 16.3              | 0.7           | 4.9        | ESE        | 0.0               |
| 07   | 26    | 23.4            | 29.0       | 20.1       | 25.8             | 26.0 | 25.6 | 24.5 | 21.2 | 17.5         | 81.4   | 0.0         | 16.6              | 0.7           | 5.6        | ESE        | 0.0               |
| 07   | 27    | 22.0            | 28.4       | 18.7       | 24.9             | 25.4 | 25.2 | 24.5 | 21.4 | 17.6         | 75.0   | 0.0         | 17.4              | 0.5           | 5.3        | ESE        | 0.0               |
| 07   | 28    | 19.7            | 21.7       | 17.2       | 22.6             | 23.3 | 24.0 | 24.3 | 21.4 | 17.6         | 95.6   | 183.0       | 3.8               | 1.0           | 9.5        | E          | 0.0               |
| 07   | 29    | 22.4            | 28.2       | 18.0       | 22.8             | 22.5 | 22.4 | 23.4 | 22.4 | 18.4         | 88.9   | 45.0        | 14.6              | 0.3           | 6.0        | NW         | 0.0               |
| 07   | 30    | 22.6            | 29.1       | 16.5       | 23.0             | 22.9 | 22.9 | 23.4 | 22.3 | 18.8         | 83.1   | 1.5         | 16.3              | 0.3           | 3.8        | ESE        | 0.0               |
| 07   | 31    | 24.8            | 32.2       | 18.9       | 24.5             | 24.1 | 23.6 | 23.5 | 22.1 | 18.9         | 80.6   | 0.0         | 22.6              | 0.4           | 4.2        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 365.0       |                   |               |            |            |                   |
| 平均   | Mean  | 23.9            | 30.0       | 19.2       | 24.5             | 24.3 | 23.9 | 22.8 | 19.6 | 16.5         | 80.3   | 11.8        | 16.8              | 0.5           | 5.7        |            |                   |
| 最大   | Max.  | 27.2            | 36.2       | 21.9       | 26.8             | 26.4 | 25.8 | 24.5 | 22.4 | 18.9         | 97.2   | 183.0       | 24.4              | 2.8           | 12.7       |            | 0.0               |
| 最低   | Min.  | 16.8            | 18.1       | 15.3       | 20.3             | 20.7 | 20.9 | 20.7 | 17.3 | 15.1         | 62.7   | 0.0         | 3.2               | 0.2           | 3.8        |            | 0.0               |

2018年 08月

## 气象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 25.9            | 33.7       | 20.0       | 25.2             | 24.9 | 24.4 | 23.8 | 22.0 | 19.0         | 77.7   | 3.5         | 19.8              | 0.5           | 5.1        | SW         | 0.0               |
| 08   | 2     | 25.6            | 33.6       | 19.7       | 25.7             | 25.4 | 24.9 | 24.1 | 21.9 | 19.1         | 77.4   | 0.0         | 21.5              | 0.4           | 4.4        | SSW        | 0.0               |
| 08   | 3     | 26.1            | 33.9       | 20.2       | 25.8             | 25.7 | 25.2 | 24.3 | 21.9 | 19.1         | 71.2   | 0.0         | 24.2              | 0.4           | 5.1        | SSE        | 0.0               |
| 08   | 4     | 25.7            | 33.2       | 18.6       | 25.7             | 25.6 | 25.3 | 24.6 | 22.0 | 19.2         | 72.4   | 0.0         | 22.9              | 0.5           | 5.2        | SSE        | 0.0               |
| 08   | 5     | 26.5            | 34.4       | 20.6       | 26.2             | 26.0 | 25.6 | 24.7 | 22.1 | 19.3         | 75.7   | 8.5         | 22.6              | 0.6           | 9.8        | WSW        | 0.0               |
| 08   | 6     | 24.7            | 32.4       | 20.2       | 26.0             | 26.0 | 25.6 | 24.9 | 22.1 | 19.3         | 83.8   | 3.5         | 18.6              | 0.5           | 5.9        | ESE        | 0.0               |
| 08   | 7     | 19.3            | 20.7       | 18.4       | 24.2             | 24.9 | 25.3 | 25.0 | 22.2 | 19.3         | 95.1   | 5.5         | 5.9               | 0.3           | 3.9        | ESE        | 0.0               |
| 08   | 8     | 20.5            | 22.1       | 18.5       | 22.7             | 23.3 | 24.0 | 24.8 | 22.2 | 19.3         | 97.0   | 104.0       | 4.2               | 0.6           | 5.9        | E          | 0.0               |
| 08   | 9     | 23.3            | 31.0       | 19.8       | 23.1             | 23.1 | 23.3 | 24.5 | 22.8 | 19.8         | 89.2   | 22.5        | 15.1              | 0.1           | 4.9        | WNW        | 0.0               |
| 08   | 10    | 24.7            | 31.0       | 20.3       | 24.4             | 24.2 | 24.1 | 24.4 | 22.8 | 20.0         | 84.4   | 0.0         | 15.6              | 0.3           | 4.3        | ESE        | 0.0               |
| 08   | 11    | 23.8            | 30.0       | 20.7       | 24.8             | 24.8 | 24.6 | 24.5 | 22.7 | 20.1         | 88.9   | 8.0         | 12.8              | 0.3           | 5.3        | ESE        | 0.0               |
| 08   | 12    | 22.1            | 25.3       | 20.0       | 23.8             | 24.2 | 24.5 | 24.6 | 22.6 | 20.1         | 94.0   | 27.5        | 6.7               | 0.1           | 5.3        | E          | 0.0               |
| 08   | 13    | 21.8            | 29.3       | 18.5       | 23.6             | 23.9 | 24.2 | 24.6 | 22.6 | 20.1         | 93.4   | 13.5        | 11.1              | 0.1           | 4.7        | SE         | 0.0               |
| 08   | 14    | 23.8            | 32.4       | 18.2       | 24.3             | 24.3 | 24.2 | 24.6 | 22.7 | 20.3         | 86.1   | 1.0         | 19.6              | 0.2           | 4.3        | SSE        | 0.0               |
| 08   | 15    | 25.0            | 31.4       | 19.3       | 25.1             | 25.0 | 24.8 | 24.6 | 22.7 | 20.4         | 80.0   | 0.0         | 18.7              | 0.5           | 5.9        | WSW        | 0.0               |
| 08   | 16    | 23.3            | 27.1       | 19.9       | 24.3             | 24.7 | 24.8 | 24.8 | 22.8 | 20.5         | 83.3   | 3.5         | 6.3               | 0.6           | 8.1        | WNW        | 0.0               |
| 08   | 17    | 19.6            | 26.9       | 12.5       | 23.2             | 23.9 | 24.3 | 24.8 | 22.8 | 20.5         | 65.1   | 0.0         | 24.8              | 0.9           | 8.4        | W          | 0.0               |
| 08   | 18    | 17.3            | 24.9       | 10.2       | 21.4             | 22.5 | 23.4 | 24.6 | 22.9 | 20.6         | 69.2   | 0.0         | 22.7              | 0.7           | 4.9        | SSE        | 0.0               |
| 08   | 19    | 18.4            | 25.7       | 11.6       | 21.3             | 22.1 | 22.8 | 24.3 | 22.9 | 20.6         | 76.7   | 0.0         | 18.8              | 0.5           | 4.0        | SE         | 0.0               |
| 08   | 20    | 20.4            | 27.8       | 13.6       | 22.1             | 22.5 | 22.8 | 24.0 | 22.9 | 20.6         | 78.4   | 0.0         | 20.1              | 0.6           | 5.5        | SE         | 0.0               |
| 08   | 21    | 22.4            | 29.8       | 18.8       | 22.9             | 23.1 | 23.2 | 23.9 | 22.8 | 20.7         | 79.9   | 0.0         | 12.6              | 0.5           | 6.1        | WSW        | 0.0               |
| 08   | 22    | 24.8            | 32.3       | 18.6       | 23.7             | 23.6 | 23.5 | 23.9 | 22.7 | 20.7         | 74.4   | 0.0         | 21.8              | 0.6           | 5.0        | SW         | 0.0               |
| 08   | 23    | 22.9            | 31.2       | 18.4       | 23.4             | 23.7 | 23.8 | 24.0 | 22.6 | 20.7         | 82.9   | 44.5        | 13.1              | 0.5           | 5.8        | E          | 0.0               |
| 08   | 24    | 22.5            | 27.1       | 20.1       | 22.6             | 22.9 | 23.2 | 24.0 | 22.5 | 20.6         | 91.7   | 35.5        | 8.1               | 0.8           | 13.5       | NW         | 0.0               |
| 08   | 25    | 25.1            | 32.6       | 20.7       | 24.1             | 23.9 | 23.6 | 23.9 | 22.5 | 20.8         | 82.9   | 0.0         | 17.6              | 0.2           | 3.8        | SSW        | 0.0               |
| 08   | 26    | 25.1            | 33.4       | 19.6       | 24.5             | 24.5 | 24.2 | 24.1 | 22.5 | 20.9         | 73.2   | 0.0         | 21.7              | 0.4           | 4.9        | SW         | 0.0               |
| 08   | 27    | 24.5            | 32.9       | 18.5       | 24.1             | 24.3 | 24.3 | 24.2 | 22.5 | 20.9         | 74.1   | 3.0         | 19.2              | 0.4           | 4.5        | S          | 0.0               |
| 08   | 28    | 21.9            | 25.5       | 19.2       | 23.7             | 24.1 | 24.2 | 24.3 | 22.5 | 20.9         | 90.6   | 0.0         | 7.4               | 0.0           | 3.8        | SE         | 0.0               |
| 08   | 29    | 21.9            | 27.7       | 19.0       | 23.3             | 23.7 | 23.9 | 24.3 | 22.5 | 20.9         | 90.0   | 15.0        | 12.2              | 0.2           | 5.1        | ESE        | 0.0               |
| 08   | 30    | 23.6            | 31.0       | 17.5       | 23.8             | 23.9 | 23.9 | 24.3 | 22.5 | 20.8         | 83.7   | 0.0         | 18.6              | 0.3           | 3.4        | S          | 0.0               |
| 08   | 31    | 23.9            | 32.1       | 19.7       | 24.7             | 24.6 | 24.3 | 24.3 | 22.5 | 20.9         | 80.6   | 0.0         | 15.4              | 0.5           | 5.0        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 299.0       |                   |               |            |            |                   |
| 平均   | Mean  | 23.1            | 29.7       | 18.4       | 24.0             | 24.2 | 24.2 | 24.4 | 22.5 | 20.2         | 82.0   | 9.6         | 16.1              | 0.4           | 5.5        |            |                   |
| 最大   | Max.  | 26.5            | 34.4       | 20.7       | 26.2             | 26.0 | 25.6 | 25.0 | 22.9 | 20.9         | 97.0   | 104.0       | 24.8              | 0.9           | 13.5       |            | 0.0               |
| 最低   | Min.  | 17.3            | 20.7       | 10.2       | 21.3             | 22.1 | 22.8 | 23.8 | 21.9 | 19.0         | 65.1   | 0.0         | 4.2               | 0.0           | 3.4        |            | 0.0               |

2018年 09月

## 気象月報

秩父演習林栃本

## Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 20.7            | 23.6       | 18.9       | 23.7             | 24.0 | 24.3 | 24.4 | 22.5 | 20.8         | 92.3   | 6.0         | 5.9               | 0.1           | 3.2        | E          | 0.0               |
| 09   | 2     | 17.6            | 19.1       | 16.4       | 20.8             | 21.7 | 22.7 | 24.3 | 22.6 | 20.9         | 97.5   | 62.0        | 3.6               | 0.1           | 3.1        | E          | 0.0               |
| 09   | 3     | 19.1            | 22.7       | 16.8       | 22.0             | 22.1 | 22.5 | 23.9 | 22.8 | 21.0         | 94.4   | 0.5         | 7.2               | 0.1           | 4.9        | E          | 0.0               |
| 09   | 4     | 20.4            | 25.0       | 18.1       | 22.1             | 22.4 | 22.7 | 23.7 | 22.6 | 21.0         | 92.5   | 56.0        | 5.1               | 1.2           | 17.8       | NW         | 0.0               |
| 09   | 5     | 22.7            | 31.1       | 17.3       | 23.8             | 23.1 | 22.7 | 23.5 | 22.7 | 21.2         | 81.6   | 24.5        | 20.6              | 0.5           | 8.2        | WSW        | 0.0               |
| 09   | 6     | 20.7            | 28.4       | 15.9       | 23.5             | 23.5 | 23.5 | 23.6 | 22.6 | 21.4         | 79.6   | 0.0         | 14.2              | 0.4           | 4.6        | SSW        | 0.0               |
| 09   | 7     | 20.0            | 24.0       | 17.2       | 21.8             | 22.3 | 23.0 | 23.7 | 22.6 | 21.4         | 81.1   | 0.0         | 3.0               | 0.5           | 8.3        | WNW        | 0.0               |
| 09   | 8     | 21.9            | 25.5       | 19.5       | 22.8             | 22.6 | 22.8 | 23.6 | 22.5 | 21.3         | 88.6   | 1.0         | 7.3               | 0.6           | 6.8        | E          | 0.0               |
| 09   | 9     | 21.4            | 29.6       | 18.5       | 23.5             | 23.3 | 23.2 | 23.5 | 22.5 | 21.3         | 83.1   | 0.0         | 12.1              | 0.7           | 8.0        | WNW        | 0.0               |
| 09   | 10    | 19.9            | 23.4       | 17.9       | 22.3             | 22.7 | 23.1 | 23.6 | 22.4 | 21.3         | 90.4   | 5.0         | 5.4               | 0.3           | 4.6        | ESE        | 0.0               |
| 09   | 11    | 16.9            | 18.8       | 13.9       | 21.6             | 22.0 | 22.6 | 23.5 | 22.4 | 21.2         | 94.2   | 2.5         | 5.1               | 0.1           | 3.0        | E          | 0.0               |
| 09   | 12    | 13.8            | 15.3       | 12.8       | 19.7             | 20.6 | 21.8 | 23.3 | 22.4 | 21.2         | 95.5   | 2.0         | 2.6               | 0.0           | 2.2        | ESE        | 0.0               |
| 09   | 13    | 17.1            | 23.4       | 12.6       | 20.9             | 20.9 | 21.3 | 22.9 | 22.3 | 21.2         | 88.6   | 2.0         | 14.6              | 0.2           | 3.9        | SE         | 0.0               |
| 09   | 14    | 17.8            | 21.0       | 16.3       | 21.1             | 21.4 | 21.8 | 22.8 | 22.2 | 21.2         | 95.2   | 4.5         | 5.0               | 0.1           | 3.8        | ESE        | 0.0               |
| 09   | 15    | 16.6            | 17.6       | 16.0       | 20.3             | 20.7 | 21.4 | 22.7 | 22.1 | 21.1         | 98.0   | 14.0        | 2.6               | 0.0           | 3.2        | ESE        | 0.0               |
| 09   | 16    | 19.5            | 23.7       | 15.8       | 21.6             | 21.3 | 21.4 | 22.5 | 22.0 | 21.1         | 90.9   | 0.0         | 12.1              | 0.1           | 2.8        | SE         | 0.0               |
| 09   | 17    | 20.4            | 27.4       | 16.2       | 22.2             | 22.1 | 22.0 | 22.5 | 21.9 | 21.1         | 86.4   | 0.0         | 12.1              | 0.3           | 4.9        | ESE        | 0.0               |
| 09   | 18    | 19.1            | 27.1       | 15.2       | 22.0             | 22.1 | 22.2 | 22.6 | 21.8 | 21.1         | 85.6   | 3.5         | 15.2              | 0.4           | 5.4        | SE         | 0.0               |
| 09   | 19    | 17.6            | 23.1       | 14.9       | 21.9             | 22.1 | 22.2 | 22.6 | 21.8 | 21.1         | 86.6   | 0.0         | 14.7              | 0.4           | 5.2        | ESE        | 0.0               |
| 09   | 20    | 14.6            | 17.1       | 12.3       | 19.6             | 20.6 | 21.6 | 22.6 | 21.7 | 21.0         | 94.7   | 29.5        | 2.9               | 0.1           | 3.1        | ESE        | 0.0               |
| 09   | 21    | 13.9            | 15.6       | 11.8       | 18.1             | 18.8 | 20.1 | 22.2 | 21.7 | 21.0         | 97.8   | 11.0        | 3.0               |               |            |            | 0.0               |
| 09   | 22    | 18.8            | 27.8       | 14.0       | 20.3             | 20.1 | 20.2 | 21.8 | 21.6 | 21.0         | 89.6   | 0.0         | 13.7              | 0.1           | 4.1        | S          | 0.0               |
| 09   | 23    | 18.9            | 22.7       | 16.7       | 21.0             | 21.0 | 21.1 | 21.7 | 21.5 | 21.0         | 90.3   | 0.0         | 7.9               | 0.2           | 4.3        | ESE        | 0.0               |
| 09   | 24    | 19.4            | 25.8       | 15.2       | 21.4             | 21.4 | 21.3 | 21.8 | 21.4 | 21.0         | 86.1   | 0.0         | 15.0              | 0.3           | 4.4        | SE         | 0.0               |
| 09   | 25    | 16.5            | 19.5       | 14.2       | 20.1             | 20.7 | 21.3 | 21.9 | 21.3 | 20.9         | 95.8   | 10.5        | 2.4               | 0.1           | 3.4        | ESE        | 0.0               |
| 09   | 26    | 13.5            | 15.4       | 12.0       | 18.6             | 19.4 | 20.4 | 21.8 | 21.2 | 20.8         | 98.3   | 31.5        | 3.2               | 0.1           | 4.3        | E          | 0.0               |
| 09   | 27    | 11.8            | 12.9       | 10.3       | 16.0             | 17.0 | 18.6 | 21.2 | 21.2 | 20.8         | 98.8   | 23.5        | 2.2               | 0.0           | 3.7        | ESE        | 0.0               |
| 09   | 28    | 14.6            | 23.2       | 8.8        | 17.2             | 17.6 | 18.3 | 20.7 | 21.1 | 20.9         | 85.0   | 0.0         | 17.1              | 0.3           | 4.5        | SSE        | 0.0               |
| 09   | 29    | 13.1            | 14.7       | 11.3       | 16.7             | 17.4 | 18.5 | 20.4 | 20.9 | 20.8         | 97.3   | 31.0        | 2.6               | 0.0           | 1.4        | W          | 0.0               |
| 09   | 30    | 15.1            | 18.6       | 12.8       | 17.1             | 17.3 | 18.0 | 20.0 | 20.7 | 20.8         | 97.6   | 58.5        | 5.9               | 0.3           | 4.9        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 379.0       |                   |               |            |            |                   |
| 平均   | Mean  | 17.8            | 22.1       | 15.0       | 20.8             | 21.1 | 21.6 | 22.6 | 22.0 | 21.1         | 91.1   | 12.6        | 8.1               | 0.3           | 4.9        |            |                   |
| 最大   | Max.  | 22.7            | 31.1       | 19.5       | 23.8             | 24.0 | 24.3 | 24.4 | 22.8 | 21.4         | 98.8   | 62.0        | 20.6              |               |            |            | 0.0               |
| 最低   | Min.  | 11.8            | 12.9       | 8.8        | 16.0             | 17.0 | 18.0 | 20.0 | 20.7 | 20.8         | 79.6   | 0.0         | 2.2               | 0.0           |            |            | 0.0               |

2018年 10月  
Oct. 2018

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 22.1            | 29.5       | 12.7       | 20.0             | 19.4 | 18.7 | 19.3 | 20.2 | 20.9         | 72.5   | 47.0        | 18.2              | 1.6           | 16.6       | WNW        | 0.0               |
| 10   | 2     | 15.9            | 24.0       | 9.6        | 18.6             | 19.1 | 19.2 | 19.7 | 20.1 | 20.9         | 72.2   | 0.0         | 18.1              | 0.7           | 4.6        | WSW        | 0.0               |
| 10   | 3     | 16.5            | 23.1       | 11.1       | 18.6             | 18.8 | 19.1 | 19.8 | 20.0 | 20.9         | 81.4   | 0.0         | 15.6              | 0.5           | 4.4        | SSE        | 0.0               |
| 10   | 4     | 14.4            | 15.6       | 13.0       | 17.9             | 18.5 | 19.1 | 19.9 | 19.9 | 20.8         | 94.3   | 1.0         | 1.6               | 0.1           | 2.9        | ESE        | 0.0               |
| 10   | 5     | 15.0            | 18.5       | 12.2       | 17.8             | 18.1 | 18.6 | 19.9 | 19.9 | 20.7         | 91.7   | 0.0         | 6.4               | 0.0           | 3.1        | ESE        | 0.0               |
| 10   | 6     | 20.2            | 26.8       | 14.5       | 18.8             | 18.7 | 18.8 | 19.8 | 19.8 | 20.6         | 79.6   | 0.0         | 9.7               | 1.8           | 14.1       | WNW        | 0.0               |
| 10   | 7     | 22.4            | 28.6       | 16.9       | 20.2             | 20.0 | 19.6 | 19.8 | 19.8 | 20.5         | 71.6   | 0.0         | 14.7              | 1.1           | 12.4       | SSE        | 0.0               |
| 10   | 8     | 16.1            | 17.4       | 14.6       | 19.0             | 19.5 | 19.8 | 20.1 | 19.8 | 20.5         | 92.0   | 0.0         | 2.2               | 0.1           | 2.0        | SE         | 0.0               |
| 10   | 9     | 15.1            | 17.6       | 12.1       | 18.1             | 18.6 | 19.2 | 20.1 | 19.8 | 20.4         | 92.0   | 0.0         | 4.8               | 0.1           | 3.3        | ESE        | 0.0               |
| 10   | 10    | 16.0            | 21.8       | 11.5       | 18.3             | 18.5 | 18.9 | 20.0 | 19.7 | 20.3         | 88.4   | 0.0         | 11.7              | 0.5           | 4.9        | SE         | 0.0               |
| 10   | 11    | 16.4            | 18.0       | 15.3       | 18.5             | 18.8 | 19.1 | 19.9 | 19.7 | 20.3         | 94.7   | 0.0         | 2.8               | 0.3           | 3.4        | E          | 0.0               |
| 10   | 12    | 14.4            | 16.9       | 11.1       | 18.1             | 18.6 | 19.0 | 19.9 | 19.7 | 20.2         | 90.8   | 1.0         | 4.5               | 0.2           | 4.3        | E          | 0.0               |
| 10   | 13    | 11.3            | 14.1       | 9.4        | 16.4             | 17.3 | 18.3 | 19.8 | 19.7 | 20.2         | 87.2   | 0.0         | 4.3               | 0.2           | 3.4        | ESE        | 0.0               |
| 10   | 14    | 11.5            | 14.9       | 9.5        | 15.9             | 16.6 | 17.6 | 19.5 | 19.6 | 20.1         | 94.4   | 8.0         | 5.8               | 0.0           | 1.8        | E          | 0.0               |
| 10   | 15    | 11.8            | 14.8       | 9.7        | 15.8             | 16.4 | 17.3 | 19.2 | 19.5 | 20.0         | 94.9   | 0.5         | 4.3               | 0.1           | 3.1        | ESE        | 0.0               |
| 10   | 16    | 11.3            | 15.5       | 7.9        | 15.3             | 16.1 | 17.0 | 19.0 | 19.5 | 20.0         | 89.9   | 0.0         | 6.7               | 0.1           | 3.4        | ESE        | 0.0               |
| 10   | 17    | 11.5            | 16.4       | 9.6        | 15.0             | 15.7 | 16.7 | 18.7 | 19.3 | 19.9         | 91.4   | 4.0         | 4.3               | 0.2           | 3.9        | ESE        | 0.0               |
| 10   | 18    | 11.3            | 16.6       | 8.0        | 15.0             | 15.5 | 16.4 | 18.5 | 19.2 | 19.9         | 92.9   | 0.5         | 6.7               | 0.2           | 3.8        | ESE        | 0.0               |
| 10   | 19    | 10.3            | 11.7       | 7.4        | 14.7             | 15.4 | 16.3 | 18.3 | 19.1 | 19.8         | 96.4   | 3.0         | 1.7               | 0.0           | 2.5        | ESE        | 0.0               |
| 10   | 20    | 10.8            | 18.4       | 6.0        | 14.1             | 14.8 | 15.8 | 18.0 | 19.0 | 19.8         | 86.1   | 0.0         | 10.6              | 0.3           | 4.0        | SE         | 0.0               |
| 10   | 21    | 10.7            | 20.3       | 4.7        | 14.0             | 14.8 | 15.7 | 17.8 | 18.8 | 19.7         | 69.6   | 0.0         | 15.8              | 0.8           | 3.2        | WSW        | 0.0               |
| 10   | 22    | 10.6            | 18.2       | 5.0        | 13.7             | 14.4 | 15.4 | 17.6 | 18.7 | 19.7         | 77.0   | 0.0         | 15.0              | 0.6           | 3.7        | SW         | 0.0               |
| 10   | 23    | 9.8             | 15.9       | 5.3        | 13.5             | 14.2 | 15.3 | 17.4 | 18.6 | 19.6         | 86.6   | 0.0         | 7.6               | 0.3           | 3.5        | SE         | 0.0               |
| 10   | 24    | 13.4            | 20.8       | 9.4        | 14.6             | 14.9 | 15.4 | 17.2 | 18.4 | 19.6         | 85.4   | 0.0         | 9.1               | 0.2           | 3.2        | ESE        | 0.0               |
| 10   | 25    | 12.8            | 19.9       | 7.9        | 14.6             | 15.1 | 15.6 | 17.2 | 18.3 | 19.5         | 76.8   | 0.0         | 13.9              | 0.6           | 5.5        | SSW        | 0.0               |
| 10   | 26    | 10.6            | 15.7       | 8.2        | 14.2             | 14.8 | 15.6 | 17.2 | 18.2 | 19.5         | 89.1   | 1.0         | 4.7               | 0.3           | 4.0        | SE         | 0.0               |
| 10   | 27    | 13.0            | 19.9       | 9.7        | 14.7             | 15.0 | 15.4 | 17.1 | 18.0 | 19.3         | 89.9   | 11.5        | 11.9              | 0.3           | 4.1        | S          | 0.0               |
| 10   | 28    | 11.1            | 18.1       | 6.8        | 14.3             | 14.9 | 15.6 | 17.0 | 17.9 | 19.3         | 82.3   | 0.0         | 14.1              | 0.5           | 4.6        | S          | 0.0               |
| 10   | 29    | 11.5            | 20.3       | 4.8        | 13.6             | 14.3 | 15.2 | 16.9 | 17.8 | 19.2         | 74.4   | 0.0         | 14.5              | 0.6           | 4.6        | SW         | 0.0               |
| 10   | 30    | 11.4            | 20.3       | 5.4        | 13.4             | 14.2 | 15.0 | 16.8 | 17.7 | 19.2         | 68.1   | 0.0         | 14.6              | 0.6           | 4.2        | SSE        | 0.0               |
| 10   | 31    | 8.6             | 17.0       | 3.5        | 12.5             | 13.5 | 14.6 | 16.7 | 17.7 | 19.1         | 65.1   | 0.0         | 13.6              | 0.6           | 4.5        | SSW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 77.5        |                   |               |            |            |                   |
| 平均   | Mean  | 13.5            | 18.9       | 9.4        | 16.1             | 16.6 | 17.2 | 18.6 | 19.1 | 20.0         | 84.5   | 2.5         | 9.3               | 0.4           | 4.7        |            |                   |
| 最大   | Max.  | 22.4            | 29.5       | 16.9       | 20.2             | 20.0 | 19.8 | 20.1 | 20.2 | 20.9         | 96.4   | 47.0        | 18.2              | 1.8           | 16.6       |            | 0.0               |
| 最低   | Min.  | 8.6             | 11.7       | 3.5        | 12.5             | 13.5 | 14.6 | 16.7 | 17.7 | 19.1         | 65.1   | 0.0         | 1.6               | 0.0           | 1.8        |            | 0.0               |

2018年 11月  
Nov. 2018

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 8.4             | 17.3       | 2.3        | 11.8             | 12.8 | 14.1 | 16.4 | 17.6 | 19.1         | 66.0   | 1.0         | 13.6              | 0.7           | 4.9        | S          | 0.0               |
| 11   | 2     | 8.8             | 17.0       | 3.0        | 11.8             | 12.7 | 13.8 | 16.2 | 17.5 | 19.0         | 68.8   | 0.0         | 14.1              | 0.6           | 5.0        | SW         | 0.0               |
| 11   | 3     | 9.3             | 17.2       | 3.7        | 11.8             | 12.6 | 13.7 | 15.9 | 17.4 | 18.9         | 77.8   | 0.0         | 13.0              | 0.5           | 4.5        | SSW        | 0.0               |
| 11   | 4     | 10.5            | 17.1       | 5.2        | 12.2             | 12.8 | 13.6 | 15.8 | 17.2 | 18.9         | 84.0   | 0.0         | 9.7               | 0.4           | 4.9        | SSE        | 0.0               |
| 11   | 5     | 12.7            | 19.8       | 8.2        | 13.3             | 13.6 | 14.0 | 15.6 | 17.1 | 18.8         | 87.8   | 0.0         | 9.8               | 0.4           | 5.5        | SE         | 0.0               |
| 11   | 6     | 12.3            | 14.0       | 10.4       | 13.6             | 13.9 | 14.3 | 15.7 | 16.9 | 18.7         | 96.4   | 8.5         | 2.0               | 0.0           | 3.4        | W          | 0.0               |
| 11   | 7     | 11.3            | 12.7       | 9.8        | 13.7             | 14.0 | 14.4 | 15.7 | 16.8 | 18.6         | 96.2   | 1.5         | 2.3               |               |            |            | 0.0               |
| 11   | 8     | 9.7             | 11.2       | 8.4        | 13.1             | 13.6 | 14.3 | 15.7 | 16.7 | 18.5         | 94.9   | 0.0         | 1.9               | 0.0           | 2.6        | WSW        | 0.0               |
| 11   | 9     | 10.4            | 12.1       | 8.5        | 12.8             | 13.3 | 14.0 | 15.7 | 16.6 | 18.5         | 98.0   | 1.0         | 1.7               | 0.0           | 4.2        | WNW        | 0.0               |
| 11   | 10    | 12.4            | 19.6       | 8.8        | 13.5             | 13.7 | 14.1 | 15.6 | 16.6 | 18.4         | 89.1   | 0.0         | 6.6               | 0.2           | 3.4        | E          | 0.0               |
| 11   | 11    | 11.1            | 18.2       | 6.8        | 13.0             | 13.6 | 14.2 | 15.6 | 16.5 | 18.3         | 76.0   | 0.0         | 11.9              | 0.5           | 4.0        | SSW        | 0.0               |
| 11   | 12    | 11.0            | 18.5       | 5.8        | 12.5             | 13.1 | 13.9 | 15.5 | 16.4 | 18.3         | 80.4   | 0.0         | 10.1              | 0.3           | 3.9        | S          | 0.0               |
| 11   | 13    | 9.2             | 10.5       | 7.9        | 12.3             | 13.0 | 13.8 | 15.4 | 16.4 | 18.2         | 91.8   | 1.0         | 1.5               | 0.0           | 2.6        | SSE        | 0.0               |
| 11   | 14    | 7.1             | 14.0       | 2.8        | 11.7             | 12.4 | 13.4 | 15.3 | 16.3 | 18.1         | 89.7   | 5.0         | 7.2               | 0.2           | 3.9        | SSW        | 0.0               |
| 11   | 15    | 6.6             | 15.3       | 1.3        | 10.3             | 11.4 | 12.7 | 15.1 | 16.2 | 18.1         | 77.6   | 0.0         | 12.0              | 0.6           | 3.8        | SW         | 0.0               |
| 11   | 16    | 6.5             | 13.8       | 1.5        | 10.0             | 10.9 | 12.2 | 14.8 | 16.1 | 18.0         | 84.3   | 0.0         | 10.3              | 0.5           | 4.5        | SSE        | 0.0               |
| 11   | 17    | 9.2             | 17.6       | 4.0        | 10.4             | 11.1 | 12.1 | 14.5 | 16.0 | 18.0         | 70.0   | 0.0         | 11.1              | 0.5           | 4.7        | S          | 0.0               |
| 11   | 18    | 7.8             | 12.8       | 5.2        | 10.8             | 11.4 | 12.2 | 14.3 | 15.9 | 17.9         | 83.6   | 0.0         | 6.4               | 0.4           | 4.6        | SE         | 0.0               |
| 11   | 19    | 8.9             | 13.8       | 6.1        | 11.1             | 11.5 | 12.3 | 14.2 | 15.8 | 17.8         | 85.3   | 0.0         | 4.5               | 0.1           | 2.9        | ESE        | 0.0               |
| 11   | 20    | 5.9             | 11.7       | 1.7        | 10.1             | 11.0 | 12.1 | 14.1 | 15.7 | 17.8         | 72.7   | 0.0         | 6.0               | 0.5           | 5.0        | ESE        | 0.0               |
| 11   | 21    | 6.2             | 14.8       | 0.5        | 8.9              | 9.9  | 11.3 | 13.9 | 15.6 | 17.7         | 68.9   | 0.0         | 11.0              | 0.5           | 4.1        | SSW        | 0.0               |
| 11   | 22    | 6.3             | 11.7       | 2.3        | 9.1              | 9.9  | 11.2 | 13.7 | 15.5 | 17.7         | 83.0   | 0.0         | 2.7               | 0.1           | 3.3        | WNW        | 0.0               |
| 11   | 23    | 5.1             | 13.2       | -0.1       | 8.2              | 9.2  | 10.7 | 13.4 | 15.3 | 17.6         | 67.7   | 0.0         | 11.3              | 0.6           | 4.6        | S          | 0.0               |
| 11   | 24    | 3.7             | 11.0       | -0.9       | 8.0              | 9.1  | 10.4 | 13.1 | 15.2 | 17.5         | 78.1   | 0.0         | 10.1              | 0.5           | 6.1        | SSE        | 0.0               |
| 11   | 25    | 4.4             | 12.7       | -1.1       | 7.4              | 8.5  | 10.0 | 12.9 | 15.1 | 17.5         | 80.3   | 0.0         | 10.7              | 0.5           | 3.6        | SSW        | 0.0               |
| 11   | 26    | 7.4             | 14.8       | 3.0        | 7.9              | 8.7  | 9.9  | 12.6 | 14.9 | 17.4         | 71.7   | 0.0         | 7.2               | 0.5           | 3.7        | WNW        | 0.0               |
| 11   | 27    | 8.4             | 17.7       | 2.9        | 8.5              | 9.1  | 10.1 | 12.4 | 14.7 | 17.3         | 76.0   | 0.0         | 10.4              | 0.5           | 4.3        | SW         | 0.0               |
| 11   | 28    | 10.2            | 18.7       | 4.9        | 8.7              | 9.2  | 10.2 | 12.4 | 14.6 | 17.3         | 61.2   | 2.0         | 9.6               | 0.5           | 3.6        | WSW        | 0.0               |
| 11   | 29    | 7.1             | 13.4       | 2.1        | 9.3              | 9.8  | 10.5 | 12.3 | 14.4 | 17.2         | 83.6   | 0.5         | 9.1               | 0.4           | 4.6        | SSE        | 0.0               |
| 11   | 30    | 5.5             | 14.2       | 0.6        | 7.9              | 8.9  | 10.1 | 12.3 | 14.3 | 17.1         | 69.3   | 0.0         | 10.5              | 0.7           | 4.0        | WSW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 20.5        |                   |               |            |            |                   |
| 平均   | Mean  | 8.4             | 14.9       | 4.2        | 10.8             | 11.5 | 12.5 | 14.5 | 16.0 | 18.1         | 80.3   | 0.7         | 8.3               | 0.4           | 4.1        |            |                   |
| 最大   | Max.  | 12.7            | 19.8       | 10.4       | 13.7             | 14.0 | 14.4 | 16.4 | 17.6 | 19.1         | 98.0   | 8.5         | 14.1              |               |            |            | 0.0               |
| 最低   | Min.  | 3.7             | 10.5       | -1.1       | 7.4              | 8.5  | 9.9  | 12.3 | 14.3 | 17.1         | 61.2   | 0.0         | 1.5               | 0.0           |            |            | 0.0               |

2018年 12月  
Dec. 2018

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 6.4             | 17.3       | 0.8        | 7.5              | 8.5  | 9.7  | 12.2 | 14.2 | 17.1         | 67.5   | 0.0         | 9.9               | 0.8           | 8.1        | WSW        | 0.0               |
| 12   | 2     | 4.6             | 11.8       | 0.1        | 7.3              | 8.2  | 9.5  | 12.0 | 14.1 | 17.0         | 77.8   | 0.0         | 9.9               | 0.6           | 5.2        | S          | 0.0               |
| 12   | 3     | 7.6             | 12.0       | 2.2        | 8.1              | 8.5  | 9.5  | 11.8 | 14.0 | 16.9         | 86.4   | 0.0         | 2.3               | 0.1           | 2.8        | NW         | 0.0               |
| 12   | 4     | 13.1            | 23.4       | 6.5        | 9.6              | 9.5  | 9.9  | 11.7 | 13.8 | 16.8         | 81.6   | 6.5         | 7.2               | 0.7           | 7.9        | WNW        | 0.0               |
| 12   | 5     | 10.9            | 17.7       | 4.1        | 10.9             | 10.9 | 10.9 | 11.8 | 13.7 | 16.7         | 80.7   | 0.0         | 7.7               | 0.4           | 4.7        | SE         | 0.0               |
| 12   | 6     | 5.9             | 8.3        | 4.0        | 9.3              | 9.9  | 10.7 | 12.1 | 13.6 | 16.6         | 95.4   | 0.0         | 1.9               | 0.0           | 4.2        | ESE        | 0.0               |
| 12   | 7     | 8.7             | 16.3       | 2.6        | 9.3              | 9.8  | 10.5 | 12.0 | 13.5 | 16.5         | 74.6   | 0.0         | 5.8               | 0.5           | 8.8        | NW         | 0.0               |
| 12   | 8     | 3.7             | 10.6       | -0.8       | 7.7              | 8.8  | 10.0 | 12.0 | 13.5 | 16.5         | 79.4   | 0.0         | 9.5               | 0.4           | 4.9        | SSE        | 0.0               |
| 12   | 9     | 0.1             | 5.2        | -2.9       | 6.0              | 7.4  | 9.1  | 11.8 | 13.5 | 16.4         | 70.2   | 0.0         | 4.5               | 0.3           | 3.1        | SSE        | 0.0               |
| 12   | 10    | 0.5             | 7.5        | -3.1       | 5.0              | 6.3  | 8.1  | 11.4 | 13.4 | 16.4         | 63.1   | 0.0         | 7.4               | 0.5           | 3.9        | SSW        | 0.0               |
| 12   | 11    | -0.2            | 5.9        | -3.4       | 4.3              | 5.6  | 7.5  | 10.9 | 13.3 | 16.3         | 75.9   | 2.0         | 5.1               | 0.4           | 4.0        | SE         | 0.0               |
| 12   | 12    | 2.5             | 8.0        | -0.6       | 4.3              | 5.2  | 7.0  | 10.5 | 13.1 | 16.1         | 89.6   | 13.0        | 5.2               | 0.3           | 7.6        | WNW        | 6.0               |
| 12   | 13    | 0.7             | 6.5        | -2.9       | 3.9              | 5.0  | 6.6  | 10.1 | 13.0 | 16.1         | 73.7   | 0.0         | 5.3               | 0.4           | 4.1        | SE         | 0.0               |
| 12   | 14    | 1.0             | 7.5        | -3.1       | 4.1              | 5.1  | 6.5  | 9.7  | 12.8 | 16.0         | 63.9   | 0.0         | 9.9               | 0.9           | 8.9        | WSW        | 0.0               |
| 12   | 15    | -0.4            | 8.0        | -4.7       | 3.2              | 4.5  | 6.2  | 9.5  | 12.6 | 16.0         | 55.7   | 0.0         | 10.0              | 0.6           | 5.8        | SW         | 0.0               |
| 12   | 16    | -0.3            | 8.2        | -5.2       | 2.7              | 3.9  | 5.7  | 9.2  | 12.4 | 15.9         | 65.8   | 0.0         | 8.2               | 0.6           | 5.6        | SE         | 0.0               |
| 12   | 17    | 6.7             | 15.2       | 1.1        | 4.9              | 5.2  | 6.0  | 8.9  | 12.2 | 15.9         | 68.5   | 0.0         | 9.6               | 0.9           | 8.8        | WNW        | 0.0               |
| 12   | 18    | 3.7             | 11.1       | -0.1       | 4.7              | 5.5  | 6.4  | 8.8  | 12.0 | 15.8         | 61.2   | 0.0         | 9.6               | 0.8           | 4.2        | ESE        | 0.0               |
| 12   | 19    | 4.3             | 11.9       | -1.5       | 4.3              | 5.1  | 6.3  | 8.8  | 11.8 | 15.7         | 52.7   | 0.0         | 9.0               | 1.1           | 8.2        | WNW        | 0.0               |
| 12   | 20    | 4.4             | 13.3       | -0.4       | 4.5              | 5.2  | 6.2  | 8.7  | 11.7 | 15.6         | 61.5   | 0.0         | 8.9               | 0.8           | 6.6        | NNW        | 0.0               |
| 12   | 21    | 3.7             | 12.7       | -1.0       | 4.3              | 5.1  | 6.2  | 8.6  | 11.5 | 15.5         | 61.8   | 0.0         | 9.4               | 0.7           | 4.5        | WSW        | 0.0               |
| 12   | 22    | 6.1             | 11.1       | 0.7        | 5.1              | 5.4  | 6.3  | 8.6  | 11.4 | 15.4         | 76.1   | 0.0         | 3.4               | 0.3           | 3.4        | WNW        | 0.0               |
| 12   | 23    | 5.8             | 7.6        | 3.4        | 6.2              | 6.4  | 6.8  | 8.5  | 11.2 | 15.3         | 88.4   | 0.0         | 1.7               | 0.4           | 4.1        | ESE        | 0.0               |
| 12   | 24    | 2.8             | 9.1        | -2.8       | 5.3              | 6.0  | 6.9  | 8.7  | 11.1 | 15.2         | 68.9   | 0.0         | 10.0              | 0.8           | 6.9        | SSW        | 0.0               |
| 12   | 25    | 0.0             | 7.8        | -4.8       | 3.5              | 4.7  | 6.2  | 8.6  | 11.0 | 15.1         | 66.0   | 0.0         | 8.8               | 0.5           | 4.2        | S          | 0.0               |
| 12   | 26    | 3.3             | 12.8       | -1.8       | 3.8              | 4.5  | 5.8  | 8.4  | 10.9 | 15.0         | 61.1   | 0.0         | 6.2               | 0.4           | 3.2        | WSW        | 0.0               |
| 12   | 27    | 4.6             | 12.9       | -0.2       | 4.2              | 4.9  | 5.9  | 8.2  | 10.9 | 14.9         | 48.6   | 0.0         | 8.7               | 1.4           | 8.8        | W          | 0.0               |
| 12   | 28    | -1.6            | 3.5        | -4.5       | 3.1              | 4.3  | 5.7  | 8.1  | 10.8 | 14.8         | 50.4   | 0.0         | 6.7               | 1.2           | 8.8        | WSW        | 0.0               |
| 12   | 29    | -1.6            | 7.4        | -6.2       | 2.0              | 3.2  | 4.9  | 7.9  | 10.7 | 14.8         | 47.4   | 0.0         | 9.8               | 1.1           | 8.4        | W          | 0.0               |
| 12   | 30    | -1.4            | 7.1        | -6.4       | 1.7              | 2.9  | 4.5  | 7.6  | 10.6 | 14.7         | 43.9   | 0.0         | 10.1              | 0.9           | 7.4        | W          | 0.0               |
| 12   | 31    | -0.9            | 7.5        | -5.6       | 1.3              | 2.5  | 4.1  | 7.3  | 10.4 | 14.6         | 51.5   | 0.0         | 9.7               | 0.8           | 4.6        | WSW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 21.5        |                   |               |            |            |                   |
| 平均   | Mean  | 3.4             | 10.5       | -1.2       | 5.2              | 6.1  | 7.3  | 9.8  | 12.3 | 15.9         | 68.0   | 0.7         | 7.5               | 0.6           | 5.9        |            |                   |
| 最大   | Max.  | 13.1            | 23.4       | 6.5        | 10.9             | 10.9 | 10.9 | 12.2 | 14.2 | 17.1         | 95.4   | 13.0        | 10.1              | 1.4           | 8.9        |            |                   |
| 最低   | Min.  | -1.6            | 3.5        | -6.4       | 1.3              | 2.5  | 4.1  | 7.3  | 10.4 | 14.6         | 43.9   | 0.0         | 1.7               | 0.0           | 2.8        |            | 0.0               |



2019年 01月  
Jan. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 0.0             | 9.9        | -5.5       | 1.3              | 2.4 | 3.9 | 7.1 | 10.3 | 14.5         | 49.0   | 0.0         | 10.0              | 0.9           | 4.6        | W          | 0.0               |
| 01   | 2     | 0.8             | 8.5        | -3.7       | 2.1              | 2.8 | 3.9 | 6.9 | 10.1 | 14.4         | 58.0   | 0.0         | 9.9               | 0.7           | 5.2        | W          | 0.0               |
| 01   | 3     | -0.3            | 8.3        | -5.2       | 1.6              | 2.6 | 3.9 | 6.7 | 10.0 | 14.3         | 51.0   | 0.0         | 10.0              | 0.8           | 7.1        | W          | 0.0               |
| 01   | 4     | -0.4            | 8.8        | -6.1       | 1.2              | 2.3 | 3.7 | 6.6 | 9.8  | 14.3         | 49.5   | 0.0         | 10.2              | 0.8           | 3.7        | W          | 0.0               |
| 01   | 5     | 3.1             | 13.8       | -2.6       | 2.0              | 2.6 | 3.7 | 6.4 | 9.7  | 14.2         | 58.9   | 0.0         | 9.2               | 0.8           | 7.1        | E          | 0.0               |
| 01   | 6     | -0.7            | 4.9        | -4.2       | 1.6              | 2.6 | 3.8 | 6.4 | 9.6  | 14.1         | 59.8   | 0.0         | 5.4               | 0.6           | 3.8        | SSW        | 0.0               |
| 01   | 7     | -0.3            | 8.8        | -5.2       | 1.1              | 2.1 | 3.5 | 6.3 | 9.4  | 14.0         | 51.0   | 0.0         | 10.0              | 0.7           | 4.6        | SW         | 0.0               |
| 01   | 8     | 1.5             | 10.0       | -3.9       | 1.3              | 2.1 | 3.3 | 6.1 | 9.3  | 13.9         | 52.6   | 0.0         | 8.6               | 0.6           | 5.3        | SW         | 0.0               |
| 01   | 9     | -1.3            | 4.6        | -6.0       | 1.5              | 2.3 | 3.4 | 6.0 | 9.2  | 13.8         | 54.9   | 0.0         | 9.3               | 1.2           | 9.7        | W          | 10.0              |
| 01   | 10    | -0.8            | 8.9        | -6.1       | 0.6              | 1.8 | 3.2 | 5.9 | 9.1  | 13.7         | 41.7   | 0.0         | 6.4               | 0.4           | 3.2        | W          | 0.0               |
| 01   | 11    | 2.4             | 12.2       | -2.9       | 1.2              | 1.9 | 3.0 | 5.8 | 8.9  | 13.6         | 50.5   | 0.0         | 10.7              | 0.7           | 8.1        | SW         | 0.0               |
| 01   | 12    | 0.9             | 8.0        | -3.1       | 1.5              | 2.1 | 3.1 | 5.7 | 8.8  | 13.5         | 66.0   | 0.0         | 5.9               | 0.3           | 2.7        | S          | 0.0               |
| 01   | 13    | 2.1             | 9.9        | -2.5       | 2.9              | 3.1 | 3.6 | 5.6 | 8.7  | 13.4         | 73.6   | 0.0         | 10.2              | 0.5           | 4.6        | SE         | 0.0               |
| 01   | 14    | 0.2             | 8.9        | -4.3       | 2.0              | 2.8 | 3.7 | 5.7 | 8.6  | 13.4         | 64.9   | 0.0         | 9.7               | 0.7           | 3.4        | SW         | 0.0               |
| 01   | 15    | -0.4            | 6.1        | -4.7       | 1.3              | 2.2 | 3.4 | 5.7 | 8.5  | 13.3         | 73.3   | 0.0         | 5.3               | 0.6           | 5.3        | E          | 0.0               |
| 01   | 16    | 1.8             | 9.8        | -3.4       | 2.1              | 2.5 | 3.4 | 5.6 | 8.4  | 13.2         | 64.7   | 0.0         | 10.1              | 0.9           | 8.7        | SE         | 0.0               |
| 01   | 17    | 1.6             | 11.1       | -5.0       | 1.8              | 2.6 | 3.5 | 5.6 | 8.4  | 13.1         | 52.0   | 0.0         | 11.3              | 0.9           | 6.4        | W          | 0.0               |
| 01   | 18    | 1.4             | 8.3        | -3.9       | 2.0              | 2.6 | 3.5 | 5.6 | 8.3  | 13.0         | 43.5   | 0.0         | 11.5              | 1.4           | 8.0        | WNW        | 0.0               |
| 01   | 19    | 0.9             | 10.2       | -5.0       | 1.7              | 2.4 | 3.4 | 5.6 | 8.2  | 12.9         | 46.9   | 0.0         | 10.8              | 0.7           | 4.9        | SSE        | 0.0               |
| 01   | 20    | 2.7             | 9.5        | -2.7       | 2.1              | 2.6 | 3.4 | 5.5 | 8.2  | 12.8         | 54.2   | 0.0         | 6.4               | 0.6           | 7.1        | WNW        | 0.0               |
| 01   | 21    | 0.8             | 8.2        | -3.8       | 2.3              | 2.8 | 3.6 | 5.5 | 8.1  | 12.7         | 53.6   | 0.0         | 11.7              | 1.0           | 5.5        | SE         | 0.0               |
| 01   | 22    | -0.3            | 7.9        | -4.4       | 1.8              | 2.6 | 3.5 | 5.5 | 8.0  | 12.7         | 63.7   | 0.0         | 9.3               | 0.6           | 6.1        | SSW        | 0.0               |
| 01   | 23    | 0.9             | 9.5        | -5.6       | 1.6              | 2.4 | 3.3 | 5.5 | 8.0  | 12.6         | 60.3   | 0.0         | 11.5              | 0.8           | 5.3        | SW         | 0.0               |
| 01   | 24    | 0.5             | 7.8        | -4.5       | 2.0              | 2.6 | 3.4 | 5.4 | 7.9  | 12.5         | 52.2   | 0.0         | 11.8              | 1.2           | 8.5        | SW         | 0.0               |
| 01   | 25    | -0.4            | 7.8        | -6.1       | 1.4              | 2.2 | 3.3 | 5.4 | 7.9  | 12.4         | 47.1   | 0.0         | 9.8               | 0.6           | 3.8        | SSW        | 0.0               |
| 01   | 26    | -1.3            | 6.1        | -4.2       | 1.4              | 2.2 | 3.2 | 5.3 | 7.8  | 12.3         | 55.1   | 0.0         | 8.4               | 1.5           | 7.9        | WSW        | 0.0               |
| 01   | 27    | -0.2            | 7.5        | -4.7       | 1.3              | 2.0 | 3.0 | 5.2 | 7.8  | 12.3         | 37.8   | 0.0         | 12.6              | 1.0           | 7.3        | WSW        | 0.0               |
| 01   | 28    | 2.1             | 11.6       | -4.6       | 1.5              | 2.1 | 3.0 | 5.2 | 7.7  | 12.2         | 36.5   | 0.0         | 10.5              | 1.3           | 9.9        | W          | 0.0               |
| 01   | 29    | 0.2             | 6.1        | -3.9       | 2.1              | 2.6 | 3.3 | 5.1 | 7.6  | 12.1         | 44.6   | 0.0         | 11.5              | 1.4           | 9.7        | W          | 0.0               |
| 01   | 30    | 0.0             | 9.1        | -5.5       | 1.2              | 2.1 | 3.1 | 5.1 | 7.6  | 12.1         | 46.6   | 0.0         | 10.1              | 0.5           | 3.7        | SSW        | 0.0               |
| 01   | 31    | 1.6             | 8.8        | -2.6       | 1.5              | 2.0 | 3.0 | 5.1 | 7.5  | 12.0         | 59.2   | 3.5         | 3.8               | 0.4           | 4.8        | WNW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |      |              |        | 3.5         |                   |               |            |            |                   |
| 平均   | Mean  | 0.6             | 8.7        | -4.4       | 1.6              | 2.4 | 3.4 | 5.8 | 8.6  | 13.2         | 54.0   | 0.1         | 9.4               | 0.8           | 6.0        |            |                   |
| 最高   | Max.  | 3.1             | 13.8       | -2.5       | 2.9              | 3.1 | 3.9 | 7.1 | 10.3 | 14.5         | 73.6   | 3.5         | 12.6              | 1.5           | 9.9        |            | 10.0              |
| 最低   | Min.  | -1.3            | 4.6        | -6.1       | 0.6              | 1.8 | 3.0 | 5.1 | 7.5  | 12.0         | 36.5   | 0.0         | 3.8               | 0.3           | 2.7        |            | 0.0               |

2019年 02月  
Feb. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | -1.3            | 7.1        | -6.2       | 2.1              | 2.5 | 3.3 | 5.0 | 7.5 | 11.9         | 68.2   | 3.5         | 10.2              | 0.6           | 4.7        | SSW        | 10.0              |
| 02   | 2     | 0.7             | 11.4       | -6.6       | 1.9              | 2.3 | 3.0 | 5.0 | 7.4 | 11.8         | 60.6   | 0.0         | 13.2              | 0.3           | 3.7        | WNW        | 0.0               |
| 02   | 3     | 3.5             | 12.0       | -2.8       | 2.5              | 2.8 | 3.2 | 5.0 | 7.3 | 11.8         | 62.7   | 0.0         | 11.7              | 1.0           | 13.2       | SSW        |                   |
| 02   | 4     | 9.1             | 16.9       | -1.3       | 5.4              | 4.8 | 4.3 | 5.1 | 7.2 | 11.7         | 61.0   | 4.0         | 13.3              | 1.9           | 12.4       | W          | 0.0               |
| 02   | 5     | 1.7             | 9.1        | -2.6       | 4.2              | 4.5 | 4.8 | 5.4 | 7.2 | 11.6         | 68.0   | 0.0         | 12.8              | 0.6           | 5.5        | SSE        | 0.0               |
| 02   | 6     | 1.3             | 9.5        | -2.7       | 3.0              | 3.7 | 4.5 | 5.6 | 7.2 | 11.6         | 79.9   | 0.0         | 2.3               | 0.2           | 3.4        | WNW        | 0.0               |
| 02   | 7     | 8.2             | 17.0       | 0.6        | 3.8              | 3.8 | 4.2 | 5.6 | 7.2 | 11.5         | 42.4   | 0.0         | 11.0              | 1.4           | 10.0       | WNW        | 0.0               |
| 02   | 8     | 0.6             | 6.4        | -4.9       | 3.8              | 4.3 | 4.7 | 5.6 | 7.2 | 11.4         | 61.2   | 0.0         | 9.6               | 0.7           | 4.3        | ESE        | 0.0               |
| 02   | 9     | -2.6            | 0.8        | -4.7       | 2.4              | 3.2 | 4.2 | 5.7 | 7.3 | 11.4         | 76.7   | 0.0         | 2.8               | 0.4           | 4.1        | SE         | 0.0               |
| 02   | 10    | -1.1            | 6.0        | -5.4       | 2.8              | 3.2 | 3.9 | 5.6 | 7.3 | 11.3         | 56.3   | 0.0         | 12.1              | 0.8           | 5.7        | SSE        | 0.0               |
| 02   | 11    | -0.9            | 6.6        | -4.5       | 3.1              | 3.5 | 4.0 | 5.5 | 7.3 | 11.3         | 72.5   | 0.0         | 9.4               | 0.5           | 5.1        | SSE        | 1.0               |
| 02   | 12    | 1.5             | 10.3       | -4.0       | 3.2              | 3.6 | 4.1 | 5.5 | 7.3 | 11.2         | 55.7   | 0.0         | 14.7              | 0.6           | 6.1        | ESE        | 0.0               |
| 02   | 13    | 0.6             | 9.1        | -3.6       | 3.2              | 3.7 | 4.2 | 5.5 | 7.2 | 11.2         | 58.0   | 0.0         | 10.9              | 0.6           | 4.9        | SE         | 0.0               |
| 02   | 14    | -1.2            | 6.7        | -5.9       | 2.5              | 3.2 | 4.0 | 5.6 | 7.2 | 11.1         | 54.8   | 0.0         | 12.3              | 0.8           | 6.5        | S          | 0.0               |
| 02   | 15    | -2.1            | 5.5        | -7.1       | 1.8              | 2.6 | 3.6 | 5.5 | 7.2 | 11.1         | 63.8   | 0.0         | 8.5               | 0.7           | 4.9        | SE         | 0.0               |
| 02   | 16    | 2.8             | 13.2       | -3.2       | 3.2              | 3.3 | 3.7 | 5.4 | 7.2 | 11.0         | 59.8   | 0.0         | 14.2              | 0.8           | 6.2        | E          | 0.0               |
| 02   | 17    | 0.6             | 10.7       | -5.3       | 3.2              | 3.7 | 4.1 | 5.4 | 7.2 | 11.0         | 53.3   | 0.0         | 15.5              | 0.6           | 5.2        | WSW        |                   |
| 02   | 18    | 2.5             | 13.3       | -5.2       | 3.2              | 3.6 | 4.1 | 5.4 | 7.1 | 11.0         | 42.3   | 0.0         | 16.0              | 0.6           | 3.9        | W          | 0.0               |
| 02   | 19    | 3.3             | 7.9        | 0.0        | 3.8              | 4.0 | 4.4 | 5.5 | 7.1 | 10.9         | 69.1   | 3.0         | 4.4               | 0.6           | 4.9        | ESE        | 0.0               |
| 02   | 20    | 9.7             | 18.5       | 1.8        | 5.9              | 5.3 | 4.9 | 5.6 | 7.1 | 10.9         | 75.8   | 0.0         | 11.6              | 0.6           | 6.6        | ESE        | 0.0               |
| 02   | 21    | 5.0             | 12.9       | -0.6       | 6.2              | 6.1 | 5.8 | 5.9 | 7.0 | 10.8         | 60.4   | 0.0         | 14.4              | 0.7           | 5.7        | SE         | 0.0               |
| 02   | 22    | 4.2             | 13.7       | -2.1       | 5.8              | 5.9 | 5.9 | 6.2 | 7.1 | 10.8         | 65.2   | 0.0         | 14.1              | 0.5           | 5.0        | SSE        | 0.0               |
| 02   | 23    | 3.9             | 12.5       | -2.8       | 6.2              | 6.3 | 6.1 | 6.4 | 7.1 | 10.7         | 55.5   | 0.0         | 15.5              | 0.9           | 7.5        | SW         |                   |
| 02   | 24    | 3.5             | 14.0       | -4.3       | 5.4              | 5.7 | 6.0 | 6.5 | 7.2 | 10.7         | 47.0   | 0.0         | 16.0              | 0.4           | 5.0        | S          |                   |
| 02   | 25    | 7.2             | 17.5       | 0.0        | 6.2              | 6.2 | 6.1 | 6.6 | 7.3 | 10.7         | 60.1   | 0.0         | 13.5              | 0.5           | 5.2        | SE         |                   |
| 02   | 26    | 3.7             | 10.1       | -1.2       | 5.8              | 6.2 | 6.4 | 6.7 | 7.3 | 10.6         | 68.7   | 0.0         | 6.3               | 0.5           | 4.0        | SSW        | 0.0               |
| 02   | 27    | 1.2             | 7.5        | -2.7       | 4.4              | 5.0 | 5.8 | 6.8 | 7.4 | 10.6         | 61.0   | 0.0         | 7.7               | 0.4           | 4.5        | SE         | 0.0               |
| 02   | 28    | 2.4             | 4.2        | -0.3       | 4.2              | 4.7 | 5.4 | 6.7 | 7.4 | 10.5         | 91.2   | 17.5        | 1.0               | 0.1           | 2.9        | WNW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 28.0        |                   |               |            |            |                   |
| 平均   | Mean  | 2.4             | 10.4       | -3.1       | 3.9              | 4.2 | 4.6 | 5.7 | 7.2 | 11.1         | 62.5   | 1.0         | 10.9              | 0.7           | 5.7        |            |                   |
| 最高   | Max.  | 9.7             | 18.5       | 1.8        | 6.2              | 6.3 | 6.4 | 6.8 | 7.5 | 11.9         | 91.2   | 17.5        | 16.0              | 1.9           | 13.2       |            |                   |
| 最低   | Min.  | -2.6            | 0.8        | -7.1       | 1.8              | 2.3 | 3.0 | 5.0 | 7.0 | 10.5         | 42.3   | 0.0         | 1.0               | 0.1           | 2.9        |            | 0.0               |

2019年 03月  
Mar. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 4.4             | 11.3       | -0.3       | 5.5              | 5.5 | 5.6 | 6.6 | 7.4 | 10.5         | 92.7   | 2.5         | 6.8               | 0.0           | 2.5        | ESE        | 0.0               |
| 03   | 2     | 3.9             | 12.8       | -1.7       | 5.7              | 5.8 | 5.9 | 6.6 | 7.5 | 10.5         | 60.7   | 0.0         | 15.0              | 0.5           | 4.7        | SSE        |                   |
| 03   | 3     | 1.3             | 3.5        | 0.0        | 5.0              | 5.5 | 6.0 | 6.7 | 7.5 | 10.5         | 83.8   | 2.5         | 2.7               | 0.0           | 1.6        | SSW        |                   |
| 03   | 4     | 3.4             | 6.3        | 1.5        | 5.1              | 5.2 | 5.7 | 6.7 | 7.4 | 10.4         | 97.3   | 21.5        | 3.0               | 0.0           | 3.5        | SE         | 0.0               |
| 03   | 5     | 5.4             | 13.9       | 0.5        | 6.7              | 6.4 | 6.0 | 6.6 | 7.4 | 10.4         | 76.6   | 0.5         | 17.4              | 0.4           | 5.9        | SSW        | 0.0               |
| 03   | 6     | 5.4             | 11.0       | 2.0        | 7.2              | 7.1 | 6.8 | 6.8 | 7.4 | 10.4         | 88.1   | 1.5         | 8.1               | 0.2           | 4.9        | SE         | 0.0               |
| 03   | 7     | 4.2             | 7.6        | 0.2        | 6.8              | 7.0 | 7.0 | 7.1 | 7.4 | 10.3         | 88.0   | 5.5         | 4.7               | 0.3           | 8.5        | NW         | 0.0               |
| 03   | 8     | 2.3             | 10.1       | -2.4       | 6.3              | 6.5 | 6.7 | 7.2 | 7.5 | 10.3         | 54.0   | 0.0         | 17.9              | 1.1           | 8.2        | WSW        | 0.0               |
| 03   | 9     | 5.1             | 15.0       | -2.9       | 6.4              | 6.5 | 6.6 | 7.2 | 7.5 | 10.3         | 55.0   | 0.0         | 18.7              | 0.5           | 4.9        | S          | 0.0               |
| 03   | 10    | 6.7             | 13.6       | 2.3        | 7.0              | 7.1 | 7.1 | 7.3 | 7.6 | 10.3         | 59.3   | 5.0         | 9.4               | 0.4           | 4.4        | SSE        | 0.0               |
| 03   | 11    | 4.9             | 12.0       | 0.3        | 5.8              | 6.2 | 6.7 | 7.4 | 7.6 | 10.2         | 84.6   | 25.5        | 7.7               | 0.7           | 8.4        | WNW        | 0.0               |
| 03   | 12    | 5.5             | 14.3       | -0.7       | 6.2              | 6.3 | 6.5 | 7.3 | 7.6 | 10.2         | 67.5   | 0.0         | 12.7              | 0.6           | 4.5        | NW         | 0.0               |
| 03   | 13    | 5.0             | 12.9       | -1.2       | 6.3              | 6.5 | 6.7 | 7.3 | 7.7 | 10.1         | 47.5   | 0.0         | 13.0              | 1.6           | 10.2       | WNW        | 0.0               |
| 03   | 14    | 2.3             | 10.8       | -2.5       | 5.9              | 6.3 | 6.6 | 7.3 | 7.7 | 10.1         | 47.5   | 0.0         | 15.4              | 1.0           | 10.7       | SSE        | 0.0               |
| 03   | 15    | 3.6             | 12.8       | -2.9       | 6.1              | 6.3 | 6.5 | 7.3 | 7.7 | 10.1         | 55.2   | 0.0         | 17.3              | 0.6           | 5.7        | S          | 0.0               |
| 03   | 16    | 3.2             | 10.9       | -1.3       | 6.2              | 6.5 | 6.7 | 7.3 | 7.7 | 10.1         | 66.0   | 0.0         | 10.3              | 0.8           | 6.7        | SE         | 0.0               |
| 03   | 17    | 1.1             | 8.9        | -3.1       | 5.1              | 5.7 | 6.4 | 7.3 | 7.8 | 10.1         | 74.0   | 0.5         | 9.5               | 0.4           | 6.1        | SSE        |                   |
| 03   | 18    | 4.1             | 13.6       | -3.8       | 6.2              | 6.2 | 6.3 | 7.2 | 7.8 | 10.1         | 54.8   | 0.0         | 19.8              | 0.6           | 5.2        | S          |                   |
| 03   | 19    | 6.5             | 15.1       | 1.5        | 6.8              | 6.9 | 6.9 | 7.3 | 7.8 | 10.1         | 56.1   | 0.0         | 9.6               | 0.3           | 4.5        | SW         | 0.0               |
| 03   | 20    | 10.6            | 20.8       | 2.0        | 8.1              | 7.7 | 7.2 | 7.4 | 7.8 | 10.1         | 43.0   | 0.0         | 19.9              | 0.7           | 5.4        | SSE        | 0.0               |
| 03   | 21    | 12.3            | 22.0       | 6.5        | 9.4              | 8.9 | 8.2 | 7.7 | 7.8 | 10.0         | 60.2   | 0.0         | 13.6              | 1.3           | 13.2       | W          |                   |
| 03   | 22    | 10.5            | 20.4       | 1.5        | 10.2             | 9.8 | 9.0 | 8.0 | 7.8 | 10.0         | 61.7   | 0.0         | 15.8              | 0.8           | 6.4        | ESE        | 0.0               |
| 03   | 23    | 1.8             | 6.8        | -2.8       | 7.3              | 8.2 | 8.6 | 8.4 | 7.9 | 10.0         | 60.9   | 0.0         | 5.2               | 0.6           | 5.9        | SE         |                   |
| 03   | 24    | 2.9             | 13.4       | -3.7       | 7.0              | 7.3 | 7.6 | 8.4 | 8.0 | 10.0         | 47.3   | 0.0         | 21.6              | 0.9           | 6.0        | SE         |                   |
| 03   | 25    | 4.7             | 13.4       | -2.9       | 7.5              | 7.6 | 7.7 | 8.2 | 8.1 | 10.0         | 61.5   | 0.0         | 18.6              | 0.6           | 5.2        | SSE        |                   |
| 03   | 26    | 7.7             | 15.9       | 2.5        | 8.6              | 8.5 | 8.2 | 8.3 | 8.1 | 10.0         | 52.0   | 0.0         | 15.9              | 0.8           | 5.5        | S          | 0.0               |
| 03   | 27    | 10.8            | 17.8       | 3.4        | 8.8              | 8.8 | 8.5 | 8.4 | 8.2 | 10.0         | 27.5   | 0.0         | 17.9              | 2.9           | 13.2       | W          | 0.0               |
| 03   | 28    | 10.0            | 16.8       | -0.3       | 10.0             | 9.6 | 9.0 | 8.6 | 8.2 | 10.0         | 45.4   | 0.0         | 18.7              | 1.8           | 13.9       | SSW        | 0.0               |
| 03   | 29    | 3.6             | 11.0       | -1.1       | 8.8              | 9.1 | 9.1 | 8.8 | 8.3 | 10.0         | 64.4   | 0.0         | 16.4              | 0.5           | 4.9        | SE         | 0.0               |
| 03   | 30    | 3.1             | 10.9       | -1.4       | 7.9              | 8.3 | 8.6 | 8.9 | 8.4 | 10.0         | 84.9   | 5.0         | 10.7              | 0.6           | 6.5        | ESE        | 0.0               |
| 03   | 31    | 5.8             | 13.1       | 0.3        | 9.1              | 8.9 | 8.7 | 8.9 | 8.5 | 10.0         | 68.5   | 0.0         | 18.4              | 1.0           | 10.2       | WSW        |                   |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 70.0        |                   |               |            |            |                   |
| 平均   | Mean  | 5.2             | 12.8       | -0.3       | 7.1              | 7.2 | 7.2 | 7.6 | 7.8 | 10.2         | 64.1   | 2.3         | 13.3              | 0.7           | 6.7        |            |                   |
| 最高   | Max.  | 12.3            | 22.0       | 6.5        | 10.2             | 9.8 | 9.1 | 8.9 | 8.5 | 10.5         | 97.3   | 25.5        | 21.6              | 2.9           | 13.9       |            |                   |
| 最低   | Min.  | 1.1             | 3.5        | -3.8       | 5.0              | 5.2 | 5.6 | 6.6 | 7.4 | 10.0         | 27.5   | 0.0         | 2.7               | 0.0           | 1.6        |            | 0.0               |

2019年 04月  
Apr. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 2.0             | 9.3        | -1.1       | 7.2              | 7.9  | 8.5  | 8.9  | 8.6  | 10.0         | 75.5   | 4.0         | 7.8               | 0.3           | 5.5        | SE         | 0.0               |
| 04   | 2     | 1.3             | 8.0        | -3.9       | 7.1              | 7.5  | 8.0  | 8.8  | 8.6  | 10.1         | 67.5   | 0.0         | 16.0              | 0.8           | 11.1       | WSW        | 1.0               |
| 04   | 3     | 2.3             | 10.9       | -3.5       | 7.2              | 7.4  | 7.7  | 8.7  | 8.7  | 10.1         | 48.3   | 0.0         | 22.2              | 0.6           | 10.8       | SW         | 0.0               |
| 04   | 4     | 6.0             | 16.7       | -2.9       | 8.0              | 7.9  | 7.9  | 8.6  | 8.7  | 10.1         | 47.1   | 0.0         | 23.2              | 0.3           | 4.3        | SSE        | 0.0               |
| 04   | 5     | 12.1            | 22.3       | 2.2        | 9.5              | 9.1  | 8.6  | 8.7  | 8.7  | 10.1         | 32.6   | 0.0         | 22.3              | 0.9           | 10.9       | WNW        | 0.0               |
| 04   | 6     | 11.1            | 19.7       | 4.4        | 10.7             | 10.2 | 9.5  | 8.9  | 8.7  | 10.1         | 40.7   | 0.0         | 21.9              | 0.8           | 11.1       | ESE        |                   |
| 04   | 7     | 9.8             | 18.4       | 3.1        | 9.9              | 10.0 | 9.7  | 9.2  | 8.7  | 10.1         | 51.1   | 0.0         | 13.6              | 0.7           | 8.5        | W          |                   |
| 04   | 8     | 5.3             | 9.2        | 1.4        | 8.8              | 9.3  | 9.5  | 9.4  | 8.8  | 10.1         | 84.0   | 0.0         | 4.6               | 0.4           | 4.6        | ESE        | 0.0               |
| 04   | 9     | 5.9             | 13.4       | 1.1        | 9.2              | 9.2  | 9.1  | 9.4  | 8.9  | 10.2         | 45.7   | 0.0         | 23.4              | 1.4           | 11.8       | W          | 0.0               |
| 04   | 10    | 0.6             | 2.8        | -0.7       | 7.0              | 8.1  | 8.9  | 9.4  | 9.0  | 10.2         | 90.8   | 18.5        | 0.4               | 0.1           | 3.4        | ESE        | 5.0               |
| 04   | 11    | 3.1             | 10.2       | 0.1        | 5.2              | 6.2  | 7.6  | 9.3  | 9.0  | 10.2         | 82.4   | 2.0         | 15.6              | 0.4           | 8.1        | NW         | 7.0               |
| 04   | 12    | 3.6             | 10.3       | -0.6       | 5.9              | 6.3  | 6.9  | 8.8  | 9.1  | 10.2         | 67.3   | 0.0         | 12.1              | 0.4           | 4.3        | SE         | 0.0               |
| 04   | 13    | 7.1             | 16.1       | -1.4       | 8.3              | 7.9  | 7.6  | 8.5  | 9.0  | 10.2         | 55.6   | 0.0         | 24.2              | 0.4           | 4.9        | S          |                   |
| 04   | 14    | 9.2             | 16.3       | 3.2        | 9.3              | 9.0  | 8.6  | 8.6  | 9.0  | 10.3         | 64.8   | 0.5         | 12.6              | 0.7           | 8.2        | W          |                   |
| 04   | 15    | 10.1            | 18.1       | 2.6        | 11.0             | 10.3 | 9.4  | 8.9  | 8.9  | 10.3         | 58.0   | 1.5         | 24.2              | 1.3           | 10.4       | WSW        | 0.0               |
| 04   | 16    | 10.8            | 22.9       | 0.8        | 10.7             | 10.4 | 9.8  | 9.3  | 8.9  | 10.3         | 40.0   | 0.0         | 24.9              | 0.8           | 4.7        | SSE        | 0.0               |
| 04   | 17    | 10.2            | 15.2       | 4.5        | 10.4             | 10.4 | 10.1 | 9.6  | 9.0  | 10.3         | 65.1   | 0.0         | 10.3              | 0.6           | 4.8        | ESE        | 0.0               |
| 04   | 18    | 13.5            | 22.6       | 5.7        | 12.3             | 11.5 | 10.5 | 9.8  | 9.0  | 10.3         | 60.5   | 0.0         | 22.4              | 0.8           | 5.2        | ESE        | 0.0               |
| 04   | 19    | 13.9            | 22.9       | 7.3        | 12.8             | 12.3 | 11.4 | 10.1 | 9.1  | 10.3         | 61.0   | 0.0         | 15.7              | 0.8           | 4.6        | ESE        | 0.0               |
| 04   | 20    | 11.8            | 19.8       | 4.5        | 13.1             | 12.7 | 11.8 | 10.5 | 9.2  | 10.3         | 66.1   | 0.0         | 23.6              | 0.8           | 6.1        | SE         |                   |
| 04   | 21    | 12.0            | 19.0       | 5.2        | 12.6             | 12.5 | 12.0 | 10.9 | 9.4  | 10.3         | 74.7   | 0.0         | 12.9              | 0.7           | 5.1        | SE         |                   |
| 04   | 22    | 16.1            | 23.9       | 10.1       | 13.9             | 13.1 | 12.2 | 11.1 | 9.5  | 10.3         | 67.6   | 0.0         | 15.0              | 0.8           | 5.8        | ESE        | 0.0               |
| 04   | 23    | 15.2            | 23.8       | 10.3       | 14.7             | 14.1 | 13.0 | 11.4 | 9.6  | 10.4         | 65.8   | 0.0         | 17.8              | 0.6           | 4.6        | SE         | 0.0               |
| 04   | 24    | 12.5            | 14.1       | 10.7       | 13.4             | 13.5 | 13.1 | 11.8 | 9.8  | 10.4         | 89.7   | 1.5         | 3.6               | 0.6           | 4.4        | E          | 0.0               |
| 04   | 25    | 17.0            | 23.3       | 12.3       | 15.1             | 14.2 | 13.2 | 12.0 | 10.0 | 10.4         | 84.3   | 0.5         | 12.7              | 0.3           | 5.8        | ESE        | 0.0               |
| 04   | 26    | 11.9            | 16.4       | 7.9        | 14.6             | 14.5 | 13.9 | 12.3 | 10.1 | 10.4         | 96.5   | 3.5         | 3.3               | 0.4           | 4.9        | ESE        | 0.0               |
| 04   | 27    | 6.1             | 9.9        | 0.7        | 12.2             | 12.8 | 13.0 | 12.5 | 10.3 | 10.4         | 80.8   | 7.5         | 7.3               | 0.6           | 9.7        | NNE        |                   |
| 04   | 28    | 7.9             | 17.4       | -1.2       | 11.6             | 11.8 | 12.0 | 12.4 | 10.5 | 10.5         | 49.4   | 0.0         | 24.0              | 0.8           | 5.5        | E          |                   |
| 04   | 29    | 9.7             | 17.7       | 3.3        | 12.0             | 12.1 | 12.1 | 12.2 | 10.6 | 10.5         | 70.6   | 0.0         | 12.2              | 0.6           | 7.5        | SSW        |                   |
| 04   | 30    | 10.4            | 13.3       | 8.1        | 12.0             | 12.0 | 12.1 | 12.1 | 10.7 | 10.5         | 95.7   | 10.0        | 4.7               | 0.1           | 3.7        | E          |                   |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 49.5        |                   |               |            |            |                   |
| 平均   | Mean  | 8.9             | 16.1       | 3.1        | 10.5             | 10.5 | 10.3 | 10.1 | 9.3  | 10.3         | 66.0   | 1.7         | 15.1              | 0.6           | 6.7        |            |                   |
| 最高   | Max.  | 17.0            | 23.9       | 12.3       | 15.1             | 14.5 | 13.9 | 12.5 | 10.7 | 10.5         | 96.5   | 18.5        | 24.9              | 1.4           | 11.8       |            |                   |
| 最低   | Min.  | 0.6             | 2.8        | -3.9       | 5.2              | 6.2  | 6.9  | 8.5  | 8.6  | 10.0         | 32.6   | 0.0         | 0.4               | 0.1           | 3.4        |            | 0.0               |

2019年 05月  
May 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 13.4            | 20.2       | 10.0       | 13.6             | 13.1 | 12.6 | 12.2 | 10.7 | 10.6         | 91.1   | 19.5        | 9.8               | 0.2           | 4.5        | ESE        | 0.0               |
| 05   | 2     | 12.3            | 21.3       | 6.5        | 14.1             | 13.8 | 13.2 | 12.4 | 10.8 | 10.6         | 76.7   | 0.0         | 19.4              | 0.6           | 6.2        | E          | 0.0               |
| 05   | 3     | 14.0            | 25.0       | 5.7        | 14.3             | 14.0 | 13.4 | 12.7 | 10.9 | 10.7         | 56.7   | 0.0         | 20.1              | 0.6           | 5.6        | ENE        | 0.0               |
| 05   | 4     | 11.3            | 20.8       | 7.2        | 13.8             | 13.8 | 13.6 | 12.8 | 11.0 | 10.7         | 75.6   | 2.5         | 12.2              | 0.6           | 7.7        | W          | 0.0               |
| 05   | 5     | 14.4            | 23.2       | 6.5        | 14.3             | 13.9 | 13.4 | 13.0 | 11.2 | 10.8         | 62.2   | 0.0         | 22.8              | 0.6           | 5.9        | SSE        | 0.0               |
| 05   | 6     | 13.3            | 20.3       | 8.6        | 14.6             | 14.4 | 13.9 | 13.1 | 11.3 | 10.9         | 79.3   | 1.0         | 13.2              | 0.5           | 5.4        | SE         | 0.0               |
| 05   | 7     | 8.7             | 14.8       | 2.5        | 13.2             | 13.7 | 13.8 | 13.3 | 11.4 | 10.9         | 71.0   | 0.0         | 11.1              | 0.5           | 6.1        | ESE        | 0.0               |
| 05   | 8     | 12.3            | 23.4       | 1.5        | 13.1             | 13.0 | 13.0 | 13.2 | 11.5 | 11.0         | 46.9   | 0.0         | 26.4              | 0.8           | 6.7        | SSW        | 0.0               |
| 05   | 9     | 13.5            | 20.2       | 8.6        | 13.6             | 13.6 | 13.5 | 13.2 | 11.6 | 11.1         | 58.4   | 0.0         | 12.5              | 0.4           | 3.8        | ESE        | 0.0               |
| 05   | 10    | 16.4            | 25.1       | 8.1        | 14.5             | 14.1 | 13.6 | 13.2 | 11.7 | 11.1         | 46.0   | 0.0         | 24.5              | 0.7           | 4.9        | SE         | 0.0               |
| 05   | 11    | 16.9            | 25.1       | 10.2       | 15.1             | 14.8 | 14.2 | 13.4 | 11.8 | 11.2         | 48.8   | 0.0         | 17.9              | 0.6           | 5.3        | WSW        | 0.0               |
| 05   | 12    | 15.9            | 24.1       | 9.7        | 15.6             | 15.3 | 14.5 | 13.6 | 11.8 | 11.3         | 60.1   | 0.0         | 22.4              | 0.8           | 7.8        | ESE        | 0.0               |
| 05   | 13    | 15.7            | 23.1       | 9.6        | 16.6             | 16.0 | 15.1 | 13.8 | 11.9 | 11.3         | 70.6   | 0.0         | 23.7              | 0.7           | 6.7        | ESE        | 0.0               |
| 05   | 14    | 13.7            | 18.0       | 10.6       | 15.7             | 15.8 | 15.4 | 14.1 | 12.0 | 11.4         | 83.7   | 0.5         | 6.7               | 0.4           | 6.4        | SW         | 0.0               |
| 05   | 15    | 14.9            | 22.1       | 8.6        | 16.2             | 15.8 | 15.2 | 14.3 | 12.2 | 11.4         | 75.1   | 0.0         | 21.6              | 0.6           | 5.2        | SE         | 0.0               |
| 05   | 16    | 15.4            | 22.4       | 9.0        | 16.5             | 16.2 | 15.5 | 14.4 | 12.3 | 11.5         | 69.9   | 0.0         | 21.9              | 0.7           | 5.8        | SE         | 0.0               |
| 05   | 17    | 15.0            | 22.3       | 8.7        | 16.0             | 16.0 | 15.5 | 14.6 | 12.5 | 11.6         | 70.4   | 0.0         | 17.0              | 0.5           | 4.9        | ESE        | 0.0               |
| 05   | 18    | 15.1            | 22.7       | 7.7        | 15.5             | 15.6 | 15.3 | 14.7 | 12.6 | 11.6         | 64.3   | 0.0         | 17.0              | 0.7           | 6.6        | SW         | 0.0               |
| 05   | 19    | 16.3            | 24.7       | 10.6       | 16.4             | 16.2 | 15.5 | 14.7 | 12.7 | 11.7         | 64.2   | 0.0         | 21.3              | 0.5           | 4.5        | SE         | 0.0               |
| 05   | 20    | 15.9            | 23.2       | 9.7        | 16.6             | 16.4 | 15.8 | 14.9 | 12.8 | 11.8         | 66.0   | 0.0         | 18.7              | 1.3           | 8.5        | W          | 0.0               |
| 05   | 21    | 14.8            | 18.1       | 13.1       | 15.8             | 15.8 | 15.6 | 15.1 | 12.8 | 11.7         | 95.3   | 57.5        | 4.0               | 0.2           | 3.4        | ESE        | 0.0               |
| 05   | 22    | 15.1            | 19.4       | 12.0       | 16.6             | 16.2 | 15.7 | 15.1 | 13.0 | 11.8         | 85.2   | 0.0         | 13.5              | 0.3           | 4.1        | ESE        | 0.0               |
| 05   | 23    | 16.6            | 23.8       | 11.3       | 17.3             | 16.9 | 16.2 | 15.3 | 13.1 | 11.9         | 75.2   | 0.0         | 21.1              | 0.5           | 5.6        | S          | 0.0               |
| 05   | 24    | 17.5            | 26.9       | 8.8        | 17.3             | 17.1 | 16.4 | 15.5 | 13.2 | 12.0         | 53.5   | 0.0         | 26.2              | 0.9           | 8.5        | N          | 0.0               |
| 05   | 25    | 20.6            | 30.5       | 11.8       | 17.7             | 17.3 | 16.6 | 15.6 | 13.3 | 12.0         | 45.9   | 0.0         | 26.7              | 0.6           | 4.9        | W          | 0.0               |
| 05   | 26    | 22.5            | 31.7       | 14.9       | 18.6             | 18.0 | 17.1 | 15.8 | 13.4 | 12.1         | 50.7   | 0.0         | 23.0              | 0.6           | 5.0        | WNW        | 0.0               |
| 05   | 27    | 24.1            | 32.3       | 16.4       | 19.4             | 18.8 | 17.7 | 16.1 | 13.6 | 12.2         | 43.8   | 0.0         | 25.0              | 0.6           | 5.8        | WSW        | 0.0               |
| 05   | 28    | 21.0            | 23.7       | 16.5       | 18.5             | 18.5 | 18.0 | 16.4 | 13.7 | 12.3         | 52.3   | 0.0         | 7.8               | 1.0           | 8.0        | W          | 0.0               |
| 05   | 29    | 17.5            | 22.8       | 12.4       | 18.1             | 18.0 | 17.7 | 16.6 | 13.9 | 12.4         | 70.3   | 0.0         | 11.9              | 0.7           | 6.7        | E          | 0.0               |
| 05   | 30    | 16.8            | 24.8       | 8.1        | 17.9             | 17.8 | 17.4 | 16.7 | 14.1 | 12.5         | 60.7   | 0.0         | 26.0              | 0.6           | 4.5        | SSE        | 0.0               |
| 05   | 31    | 15.0            | 19.0       | 11.8       | 17.2             | 17.4 | 17.4 | 16.7 | 14.2 | 12.5         | 83.2   | 0.0         | 7.4               | 0.4           | 4.0        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 81.0        |                   |               |            |            |                   |
| 平均   | Mean  | 15.7            | 23.1       | 9.6        | 15.9             | 15.7 | 15.2 | 14.4 | 12.3 | 11.5         | 66.2   | 2.6         | 17.8              | 0.6           | 5.8        |            |                   |
| 最高   | Max.  | 24.1            | 32.3       | 16.5       | 19.4             | 18.8 | 18.0 | 16.7 | 14.2 | 12.5         | 95.3   | 57.5        | 26.7              | 1.3           | 8.5        |            | 0.0               |
| 最低   | Min.  | 8.7             | 14.8       | 1.5        | 13.1             | 13.0 | 12.6 | 12.2 | 10.7 | 10.6         | 43.8   | 0.0         | 4.0               | 0.2           | 3.4        |            | 0.0               |

2019年 06月  
June 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 16.4            | 23.7       | 9.1        | 17.7             | 17.5 | 17.1 | 16.6 | 14.4 | 12.6         | 76.6   | 0.5         | 20.8              | 0.5           | 5.5        | SE         | 0.0               |
| 06   | 2     | 16.4            | 19.6       | 14.0       | 17.5             | 17.5 | 17.3 | 16.7 | 14.5 | 12.7         | 83.8   | 0.0         | 6.2               | 0.1           | 4.5        | SSE        | 0.0               |
| 06   | 3     | 18.2            | 25.3       | 13.6       | 18.0             | 17.8 | 17.3 | 16.7 | 14.6 | 12.8         | 71.7   | 0.0         | 16.8              | 0.4           | 5.3        | ESE        | 0.0               |
| 06   | 4     | 19.2            | 26.2       | 12.2       | 18.6             | 18.2 | 17.7 | 16.8 | 14.7 | 12.9         | 74.1   | 0.0         | 18.7              | 0.4           | 5.5        | SE         | 0.0               |
| 06   | 5     | 18.8            | 24.5       | 14.7       | 18.5             | 18.3 | 17.9 | 16.9 | 14.8 | 13.0         | 78.9   | 0.0         | 13.3              | 0.4           | 4.7        | SE         | 0.0               |
| 06   | 6     | 21.4            | 30.1       | 13.8       | 19.4             | 18.9 | 18.1 | 17.1 | 14.9 | 13.0         | 54.2   | 0.0         | 25.3              | 0.7           | 5.3        | WSW        | 0.0               |
| 06   | 7     | 15.7            | 17.8       | 14.7       | 17.6             | 18.0 | 18.1 | 17.2 | 14.9 | 13.1         | 86.1   | 12.5        | 2.2               | 0.3           | 3.3        | E          | 0.0               |
| 06   | 8     | 17.1            | 22.1       | 13.7       | 18.2             | 17.9 | 17.6 | 17.2 | 15.0 | 13.2         | 92.8   | 4.5         | 11.4              | 0.2           | 4.2        | E          | 0.0               |
| 06   | 9     | 13.0            | 14.6       | 11.5       | 17.0             | 17.4 | 17.6 | 17.2 | 15.0 | 13.2         | 97.1   | 4.0         | 1.8               | 0.1           | 3.8        | ESE        | 0.0               |
| 06   | 10    | 12.4            | 14.9       | 10.9       | 15.6             | 16.2 | 16.7 | 17.1 | 15.0 | 13.2         | 97.4   | 48.0        | 3.9               | 0.1           | 4.0        | E          | 0.0               |
| 06   | 11    | 13.0            | 17.0       | 10.8       | 15.5             | 15.7 | 16.0 | 16.9 | 15.2 | 13.3         | 92.9   | 12.5        | 9.6               | 0.2           | 5.5        | ESE        | 0.0               |
| 06   | 12    | 12.8            | 16.1       | 9.7        | 15.5             | 15.7 | 16.0 | 16.7 | 15.2 | 13.4         | 94.3   | 4.5         | 7.8               | 0.1           | 3.0        | ESE        | 0.0               |
| 06   | 13    | 16.2            | 25.1       | 8.3        | 17.1             | 16.7 | 16.3 | 16.6 | 15.3 | 13.5         | 81.0   | 0.0         | 25.8              | 0.4           | 6.7        | ESE        | 0.0               |
| 06   | 14    | 17.7            | 25.4       | 11.9       | 18.1             | 17.7 | 17.1 | 16.7 | 15.3 | 13.6         | 79.1   | 0.0         | 19.6              | 0.4           | 5.1        | ESE        | 0.0               |
| 06   | 15    | 12.8            | 15.0       | 11.6       | 16.4             | 16.8 | 17.1 | 16.9 | 15.2 | 13.7         | 96.6   | 28.0        | 3.1               | 0.1           | 3.1        | E          | 0.0               |
| 06   | 16    | 17.6            | 25.6       | 12.3       | 17.5             | 17.2 | 16.8 | 16.9 | 15.3 | 13.8         | 70.6   | 5.5         | 23.0              | 1.1           | 10.1       | WNW        | 0.0               |
| 06   | 17    | 17.6            | 26.1       | 11.8       | 17.9             | 17.7 | 17.3 | 17.0 | 15.4 | 13.9         | 61.1   | 0.0         | 20.4              | 1.1           | 8.4        | W          | 0.0               |
| 06   | 18    | 16.9            | 23.9       | 10.4       | 18.0             | 17.8 | 17.5 | 17.1 | 15.5 | 14.0         | 77.3   | 0.0         | 19.2              | 0.6           | 5.2        | SE         | 0.0               |
| 06   | 19    | 18.1            | 25.0       | 12.4       | 18.4             | 18.1 | 17.8 | 17.2 | 15.5 | 14.1         | 82.6   | 2.5         | 15.3              | 0.5           | 5.1        | ESE        | 0.0               |
| 06   | 20    | 19.1            | 25.4       | 15.2       | 19.5             | 19.0 | 18.3 | 17.4 | 15.5 | 14.1         | 86.3   | 12.0        | 16.2              | 0.4           | 4.6        | ESE        | 0.0               |
| 06   | 21    | 18.4            | 24.8       | 14.8       | 19.6             | 19.2 | 18.7 | 17.7 | 15.5 | 14.2         | 89.4   | 0.0         | 13.8              | 0.4           | 4.9        | ESE        | 0.0               |
| 06   | 22    | 16.9            | 21.0       | 14.7       | 19.0             | 19.0 | 18.8 | 17.9 | 15.6 | 14.2         | 92.3   | 1.5         | 6.9               | 0.3           | 4.5        | ESE        | 0.0               |
| 06   | 23    | 16.3            | 19.7       | 14.0       | 18.3             | 18.4 | 18.4 | 18.0 | 15.8 | 14.3         | 95.1   | 4.5         | 5.5               | 0.2           | 4.8        | ESE        | 0.0               |
| 06   | 24    | 15.0            | 17.9       | 11.7       | 17.4             | 17.7 | 18.0 | 18.1 | 15.9 | 14.3         | 96.8   | 37.0        | 5.5               | 0.0           | 2.2        | SE         | 0.0               |
| 06   | 25    | 16.6            | 23.8       | 10.4       | 17.9             | 17.8 | 17.8 | 18.0 | 16.1 | 14.4         | 87.7   | 0.0         | 17.4              | 0.2           | 4.3        | ESE        | 0.0               |
| 06   | 26    | 19.5            | 26.9       | 12.8       | 19.4             | 19.0 | 18.3 | 17.9 | 16.1 | 14.5         | 82.4   | 0.0         | 21.9              | 0.4           | 4.9        | SE         | 0.0               |
| 06   | 27    | 20.4            | 24.8       | 15.4       | 19.5             | 19.4 | 19.0 | 18.1 | 16.2 | 14.6         | 82.9   | 0.0         | 8.9               | 0.7           | 6.8        | WNW        | 0.0               |
| 06   | 28    | 21.5            | 26.4       | 18.5       | 20.0             | 19.7 | 19.2 | 18.3 | 16.2 | 14.6         | 89.0   | 2.5         | 8.2               | 0.1           | 6.6        | WNW        | 0.0               |
| 06   | 29    | 17.9            | 19.8       | 16.7       | 19.8             | 19.8 | 19.5 | 18.5 | 16.3 | 14.7         | 95.8   | 1.0         | 4.5               | 0.1           | 3.1        | ESE        | 0.0               |
| 06   | 30    | 18.3            | 21.1       | 16.6       | 19.4             | 19.4 | 19.2 | 18.7 | 16.4 | 14.7         | 96.7   | 6.0         | 4.3               | 0.1           | 3.3        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 187.0       |                   |               |            |            |                   |
| 平均   | Mean  | 17.0            | 22.3       | 12.9       | 18.1             | 18.0 | 17.7 | 17.3 | 15.4 | 13.7         | 84.8   | 6.2         | 12.6              | 0.4           | 4.9        |            |                   |
| 最高   | Max.  | 21.5            | 30.1       | 18.5       | 20.0             | 19.8 | 19.5 | 18.7 | 16.4 | 14.7         | 97.4   | 48.0        | 25.8              | 1.1           | 10.1       |            | 0.0               |
| 最低   | Min.  | 12.4            | 14.6       | 8.3        | 15.5             | 15.7 | 16.0 | 16.6 | 14.4 | 12.6         | 54.2   | 0.0         | 1.8               | 0.0           | 2.2        |            | 0.0               |

2019年 07月  
July 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 19.8            | 22.7       | 17.4       | 19.9             | 19.7 | 19.3 | 18.7 | 16.4 | 14.8         | 94.8   | 0.0         | 6.8               | 0.3           | 4.6        | ESE        | 0.0               |
| 07   | 2     | 20.6            | 25.1       | 17.5       | 20.5             | 20.2 | 19.7 | 18.8 | 16.5 | 14.8         | 89.8   | 0.0         | 9.2               | 0.2           | 3.9        | ESE        | 0.0               |
| 07   | 3     | 19.5            | 21.8       | 17.7       | 20.1             | 20.1 | 19.8 | 19.0 | 16.6 | 14.9         | 92.8   | 2.5         | 3.4               | 0.1           | 3.0        | ESE        | 0.0               |
| 07   | 4     | 18.1            | 20.6       | 16.9       | 19.4             | 19.5 | 19.5 | 19.2 | 16.7 | 14.9         | 97.4   | 35.0        | 4.1               | 0.0           | 3.1        | E          | 0.0               |
| 07   | 5     | 17.1            | 18.7       | 15.4       | 19.1             | 19.3 | 19.4 | 19.2 | 16.9 | 15.0         | 96.3   | 0.5         | 3.3               | 0.1           | 2.8        | E          | 0.0               |
| 07   | 6     | 16.1            | 17.4       | 14.6       | 18.6             | 18.9 | 19.1 | 19.2 | 17.0 | 15.1         | 96.4   | 13.5        | 3.8               | 0.1           | 3.1        | E          | 0.0               |
| 07   | 7     | 16.1            | 18.0       | 14.6       | 18.2             | 18.4 | 18.7 | 19.1 | 17.1 | 15.1         | 96.9   | 33.5        | 6.3               | 0.0           | 2.2        | E          | 0.0               |
| 07   | 8     | 16.2            | 18.6       | 14.4       | 18.5             | 18.7 | 18.7 | 19.0 | 17.2 | 15.3         | 95.6   | 1.5         | 6.5               | 0.2           | 3.5        | ESE        | 0.0               |
| 07   | 9     | 14.6            | 15.7       | 13.7       | 18.0             | 18.4 | 18.7 | 19.0 | 17.3 | 15.4         | 98.7   | 6.5         | 2.4               | 0.0           | 3.4        | ESE        | 0.0               |
| 07   | 10    | 15.1            | 16.9       | 13.6       | 17.9             | 18.1 | 18.4 | 18.9 | 17.3 | 15.5         | 97.3   | 0.5         | 5.1               | 0.2           | 3.9        | ESE        | 0.0               |
| 07   | 11    | 14.4            | 15.0       | 13.7       | 17.7             | 18.0 | 18.3 | 18.8 | 17.3 | 15.5         | 98.7   | 6.5         | 2.8               | 0.1           | 3.2        | E          | 0.0               |
| 07   | 12    | 15.3            | 17.0       | 13.7       | 17.8             | 17.8 | 18.1 | 18.7 | 17.3 | 15.6         | 97.9   | 0.5         | 3.9               | 0.1           | 2.8        | ESE        | 0.0               |
| 07   | 13    | 18.6            | 22.9       | 14.7       | 18.9             | 18.5 | 18.4 | 18.6 | 17.3 | 15.7         | 93.0   | 1.0         | 8.8               | 0.2           | 4.1        | ESE        | 0.0               |
| 07   | 14    | 17.4            | 19.6       | 16.4       | 19.2             | 18.9 | 18.8 | 18.7 | 17.2 | 15.7         | 98.0   | 20.0        | 3.8               | 0.1           | 3.6        | ESE        | 0.0               |
| 07   | 15    | 17.7            | 19.7       | 16.6       | 19.4             | 19.1 | 19.0 | 18.8 | 17.2 | 15.8         | 97.5   | 3.5         | 4.4               | 0.0           | 2.2        | ESE        | 0.0               |
| 07   | 16    | 17.2            | 18.4       | 15.9       | 19.4             | 19.2 | 19.2 | 18.9 | 17.2 | 15.8         | 97.7   | 8.5         | 3.9               | 0.0           | 3.1        | ESE        | 0.0               |
| 07   | 17    | 20.4            | 27.6       | 15.8       | 20.9             | 20.1 | 19.5 | 19.0 | 17.3 | 15.9         | 89.7   | 1.0         | 18.0              | 0.2           | 4.3        | SE         | 0.0               |
| 07   | 18    | 20.1            | 23.0       | 17.0       | 21.1             | 20.7 | 20.3 | 19.3 | 17.3 | 15.9         | 93.4   | 15.5        | 7.2               | 0.2           | 3.5        | ESE        | 0.0               |
| 07   | 19    | 21.3            | 27.6       | 17.9       | 21.7             | 21.0 | 20.5 | 19.6 | 17.3 | 15.9         | 92.2   | 0.0         | 11.6              | 0.1           | 3.0        | W          | 0.0               |
| 07   | 20    | 21.0            | 23.8       | 18.5       | 21.7             | 21.4 | 21.0 | 19.9 | 17.4 | 16.0         | 93.2   | 0.5         | 6.1               | 0.1           | 2.5        | W          | 0.0               |
| 07   | 21    | 21.7            | 26.1       | 18.4       | 22.0             | 21.5 | 21.1 | 20.1 | 17.6 | 16.1         | 90.6   | 0.0         | 9.2               | 0.3           | 4.8        | ESE        | 0.0               |
| 07   | 22    | 20.2            | 22.6       | 18.8       | 22.0             | 21.6 | 21.3 | 20.2 | 17.7 | 16.1         | 95.3   | 2.0         | 5.6               | 0.1           | 4.1        | ESE        | 0.0               |
| 07   | 23    | 21.4            | 26.7       | 18.6       | 22.3             | 21.7 | 21.3 | 20.4 | 17.8 | 16.1         | 91.7   | 1.5         | 9.9               | 0.1           | 4.4        | ESE        | 0.0               |
| 07   | 24    | 21.6            | 26.1       | 19.0       | 22.7             | 22.1 | 21.7 | 20.6 | 17.9 | 16.1         | 92.1   | 3.5         | 9.3               | 0.2           | 3.9        | ESE        | 0.0               |
| 07   | 25    | 22.3            | 28.9       | 18.0       | 23.1             | 22.5 | 22.0 | 20.8 | 17.9 | 16.2         | 89.0   | 0.0         | 14.2              | 0.3           | 4.6        | SE         | 0.0               |
| 07   | 26    | 23.1            | 31.0       | 17.7       | 23.4             | 22.8 | 22.3 | 21.0 | 18.1 | 16.2         | 77.8   | 0.0         | 16.5              | 0.7           | 7.0        | W          | 0.0               |
| 07   | 27    | 23.0            | 26.9       | 19.5       | 23.6             | 23.1 | 22.5 | 21.2 | 18.2 | 16.2         | 87.4   | 4.0         | 12.2              | 0.5           | 6.6        | NW         | 0.0               |
| 07   | 28    | 23.0            | 30.6       | 20.0       | 24.0             | 23.4 | 22.8 | 21.4 | 18.2 | 16.2         | 90.2   | 10.5        | 13.8              | 0.2           | 4.5        | S          | 0.0               |
| 07   | 29    | 23.4            | 31.2       | 19.0       | 24.2             | 23.6 | 23.1 | 21.7 | 18.4 | 16.3         | 89.0   | 1.5         | 13.7              | 0.2           | 4.7        | WSW        | 0.0               |
| 07   | 30    | 23.6            | 31.6       | 18.9       | 24.3             | 23.8 | 23.3 | 21.9 | 18.5 | 16.3         | 86.1   | 0.5         | 14.9              | 0.4           | 4.3        | W          | 0.0               |
| 07   | 31    | 24.0            | 32.1       | 20.1       | 24.5             | 24.0 | 23.5 | 22.1 | 18.7 | 16.4         | 87.7   | 1.0         | 13.3              | 0.5           | 5.2        | W          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 175.0       |                   |               |            |            |                   |
| 平均   | Mean  | 19.5            | 23.4       | 16.9       | 20.8             | 20.5 | 20.3 | 19.7 | 17.4 | 15.7         | 93.0   | 5.6         | 8.2               | 0.2           | 3.9        |            |                   |
| 最高   | Max.  | 24.0            | 32.1       | 20.1       | 24.5             | 24.0 | 23.5 | 22.1 | 18.7 | 16.4         | 98.7   | 35.0        | 18.0              | 0.7           | 7.0        |            | 0.0               |
| 最低   | Min.  | 14.4            | 15.0       | 13.6       | 17.7             | 17.8 | 18.1 | 18.6 | 16.4 | 14.8         | 77.8   | 0.0         | 2.4               | 0.0           | 2.2        |            | 0.0               |

2019年 08月  
Aug. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 24.6            | 32.0       | 20.4       | 24.6             | 24.1 | 23.6 | 22.3 | 18.9 | 16.5         | 83.9   | 0.0         | 13.0              | 0.3           | 3.6        | W          | 0.0               |
| 08   | 2     | 25.3            | 32.6       | 20.5       | 24.8             | 24.3 | 23.8 | 22.4 | 19.0 | 16.6         | 81.1   | 0.0         | 14.3              | 0.2           | 3.4        | SW         | 0.0               |
| 08   | 3     | 25.2            | 32.5       | 21.7       | 25.1             | 24.6 | 24.1 | 22.6 | 19.2 | 16.6         | 80.0   | 0.0         | 14.5              | 0.7           | 7.0        | W          | 0.0               |
| 08   | 4     | 25.8            | 32.6       | 20.7       | 25.5             | 24.8 | 24.2 | 22.8 | 19.3 | 16.7         | 76.9   | 0.0         | 21.3              | 0.4           | 5.6        | S          | 0.0               |
| 08   | 5     | 25.9            | 32.5       | 20.5       | 25.9             | 25.2 | 24.6 | 23.0 | 19.5 | 16.8         | 75.8   | 0.0         | 22.7              | 0.3           | 6.0        | SSW        | 0.0               |
| 08   | 6     | 24.1            | 33.8       | 20.3       | 25.1             | 25.0 | 24.6 | 23.2 | 19.6 | 16.9         | 82.1   | 15.5        | 15.5              | 0.5           | 9.9        | W          | 0.0               |
| 08   | 7     | 23.7            | 32.9       | 19.4       | 25.0             | 24.6 | 24.4 | 23.3 | 19.7 | 16.9         | 85.4   | 0.5         | 15.3              | 0.3           | 5.3        | WSW        | 0.0               |
| 08   | 8     | 24.7            | 33.0       | 19.6       | 25.0             | 24.7 | 24.4 | 23.3 | 19.8 | 17.0         | 82.6   | 19.0        | 17.1              | 0.4           | 12.4       | WSW        | 0.0               |
| 08   | 9     | 22.5            | 32.4       | 18.3       | 24.6             | 24.4 | 24.3 | 23.4 | 19.9 | 17.0         | 87.1   | 1.5         | 14.9              | 0.6           | 7.9        | W          | 0.0               |
| 08   | 10    | 24.6            | 32.1       | 19.5       | 25.0             | 24.6 | 24.3 | 23.5 | 20.1 | 17.1         | 83.5   | 0.5         | 17.0              | 0.5           | 5.4        | WSW        | 0.0               |
| 08   | 11    | 24.3            | 28.4       | 21.4       | 25.1             | 24.8 | 24.5 | 23.5 | 20.3 | 17.2         | 87.2   | 0.0         | 8.3               | 0.2           | 3.7        | SE         | 0.0               |
| 08   | 12    | 24.7            | 30.5       | 19.3       | 25.5             | 25.0 | 24.6 | 23.6 | 20.4 | 17.3         | 82.6   | 0.0         | 18.0              | 0.3           | 4.0        | SE         | 0.0               |
| 08   | 13    | 24.7            | 30.1       | 19.4       | 25.3             | 25.0 | 24.8 | 23.7 | 20.5 | 17.4         | 82.6   | 0.0         | 13.4              | 0.3           | 5.1        | ESE        | 0.0               |
| 08   | 14    | 23.5            | 27.7       | 21.2       | 25.1             | 24.9 | 24.7 | 23.8 | 20.6 | 17.5         | 91.2   | 2.5         | 9.2               | 0.1           | 4.7        | SSW        | 0.0               |
| 08   | 15    | 23.5            | 27.0       | 21.0       | 24.9             | 24.8 | 24.6 | 23.8 | 20.7 | 17.6         | 89.0   | 3.5         | 8.8               | 0.2           | 7.1        | ENE        | 0.0               |
| 08   | 16    | 24.6            | 29.6       | 21.4       | 24.0             | 24.1 | 24.3 | 23.8 | 20.7 | 17.6         | 79.3   | 7.5         | 5.8               | 2.0           | 14.0       | WNW        | 0.0               |
| 08   | 17    | 25.6            | 32.5       | 19.6       | 24.5             | 24.2 | 24.1 | 23.7 | 20.8 | 17.7         | 77.1   | 0.0         | 17.6              | 0.4           | 3.8        | W          | 0.0               |
| 08   | 18    | 23.5            | 28.2       | 19.9       | 24.8             | 24.6 | 24.5 | 23.7 | 20.9 | 17.8         | 87.7   | 3.0         | 7.7               | 0.3           | 3.6        | SSE        | 0.0               |
| 08   | 19    | 22.2            | 26.8       | 20.0       | 24.2             | 24.2 | 24.2 | 23.8 | 20.9 | 17.9         | 92.7   | 7.5         | 6.2               | 0.1           | 3.0        | ESE        | 0.0               |
| 08   | 20    | 22.2            | 27.3       | 20.2       | 24.3             | 24.2 | 24.1 | 23.8 | 20.9 | 18.0         | 93.8   | 2.0         | 9.2               | 0.3           | 4.9        | ESE        | 0.0               |
| 08   | 21    | 22.9            | 27.9       | 19.0       | 24.2             | 24.1 | 24.1 | 23.7 | 21.0 | 18.0         | 89.7   | 1.0         | 11.1              | 0.2           | 3.9        | ESE        | 0.0               |
| 08   | 22    | 21.4            | 24.0       | 19.5       | 24.1             | 24.0 | 24.1 | 23.7 | 21.0 | 18.1         | 95.3   | 7.5         | 5.7               | 0.1           | 3.4        | E          | 0.0               |
| 08   | 23    | 20.0            | 22.7       | 17.9       | 23.2             | 23.4 | 23.7 | 23.7 | 21.1 | 18.2         | 95.9   | 4.5         | 3.9               | 0.1           | 3.1        | NW         | 0.0               |
| 08   | 24    | 21.9            | 29.1       | 16.6       | 23.5             | 23.3 | 23.4 | 23.6 | 21.2 | 18.3         | 82.5   | 0.0         | 18.0              | 0.4           | 4.3        | SSE        | 0.0               |
| 08   | 25    | 22.0            | 28.1       | 17.9       | 23.9             | 23.7 | 23.7 | 23.5 | 21.2 | 18.4         | 80.3   | 0.0         | 17.1              | 0.4           | 5.1        | SE         | 0.0               |
| 08   | 26    | 20.6            | 25.6       | 17.6       | 23.4             | 23.5 | 23.6 | 23.5 | 21.2 | 18.4         | 86.8   | 1.0         | 10.8              | 0.1           | 4.6        | S          | 0.0               |
| 08   | 27    | 20.0            | 24.8       | 16.1       | 23.0             | 23.1 | 23.3 | 23.5 | 21.2 | 18.5         | 88.3   | 2.0         | 11.7              | 0.4           | 4.3        | ESE        | 0.0               |
| 08   | 28    | 19.3            | 20.8       | 18.0       | 22.5             | 22.8 | 23.1 | 23.3 | 21.2 | 18.6         | 96.6   | 1.0         | 2.7               | 0.0           | 3.1        | WNW        | 0.0               |
| 08   | 29    | 22.2            | 27.8       | 18.4       | 22.8             | 22.8 | 22.9 | 23.2 | 21.3 | 18.7         | 88.3   | 0.0         | 10.1              | 0.2           | 3.7        | WNW        | 0.0               |
| 08   | 30    | 20.2            | 22.4       | 18.8       | 22.3             | 22.6 | 22.9 | 23.1 | 21.2 | 18.7         | 93.6   | 2.5         | 3.6               | 0.2           | 3.7        | NW         | 0.0               |
| 08   | 31    | 22.3            | 28.5       | 18.2       | 22.9             | 22.7 | 22.8 | 23.0 | 21.2 | 18.8         | 87.7   | 0.0         | 12.8              | 0.3           | 5.6        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 82.5        |                   |               |            |            |                   |
| 平均   | Mean  | 23.2            | 28.9       | 19.4       | 24.3             | 24.1 | 24.0 | 23.4 | 20.5 | 17.6         | 86.0   | 2.7         | 12.2              | 0.3           | 5.3        |            |                   |
| 最高   | Max.  | 25.9            | 33.8       | 21.7       | 25.9             | 25.2 | 24.8 | 23.8 | 21.3 | 18.8         | 96.6   | 19.0        | 22.7              | 2.0           | 14.0       |            | 0.0               |
| 最低   | Min.  | 19.3            | 20.8       | 16.1       | 22.3             | 22.6 | 22.8 | 22.3 | 18.9 | 16.5         | 75.8   | 0.0         | 2.7               | 0.0           | 3.0        |            | 0.0               |



2019年 09月  
Sep. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 21.4            | 25.0       | 19.7       | 23.0             | 23.0 | 23.0 | 23.0 | 21.2 | 18.8         | 89.5   | 0.0         | 6.5               | 0.1           | 4.1        | ESE        | 0.0               |
| 09   | 2     | 21.8            | 27.3       | 17.5       | 22.8             | 22.8 | 22.9 | 23.0 | 21.2 | 18.9         | 87.4   | 0.0         | 10.6              | 0.2           | 4.3        | ESE        | 0.0               |
| 09   | 3     | 20.7            | 25.1       | 18.3       | 22.6             | 22.7 | 22.9 | 23.0 | 21.2 | 18.9         | 92.2   | 1.5         | 5.9               | 0.3           | 4.8        | ESE        | 0.0               |
| 09   | 4     | 19.4            | 24.1       | 17.8       | 22.4             | 22.5 | 22.8 | 22.9 | 21.1 | 18.9         | 96.5   | 15.5        | 5.9               | 0.2           | 3.8        | ESE        | 0.0               |
| 09   | 5     | 19.5            | 23.3       | 16.6       | 22.0             | 22.1 | 22.4 | 22.9 | 21.1 | 18.9         | 94.2   | 0.5         | 7.0               | 0.1           | 2.7        | ESE        | 0.0               |
| 09   | 6     | 22.7            | 29.9       | 16.2       | 22.7             | 22.5 | 22.5 | 22.8 | 21.1 | 19.0         | 83.2   | 0.0         | 20.3              | 0.4           | 4.5        | SSW        | 0.0               |
| 09   | 7     | 22.9            | 30.2       | 16.9       | 23.3             | 23.0 | 22.9 | 22.8 | 21.1 | 19.0         | 83.2   | 0.0         | 21.0              | 0.5           | 4.3        | SW         | 0.0               |
| 09   | 8     | 23.0            | 29.8       | 18.2       | 23.4             | 23.3 | 23.2 | 22.9 | 21.0 | 19.1         | 87.6   | 32.0        | 12.8              | 0.3           | 4.0        | SE         | 0.0               |
| 09   | 9     | 24.0            | 31.7       | 20.4       | 22.8             | 22.7 | 22.9 | 23.3 | 21.3 | 19.2         | 86.6   | 85.0        | 14.4              | 0.6           | 8.3        | NNW        | 0.0               |
| 09   | 10    | 23.8            | 32.1       | 19.6       | 23.5             | 23.4 | 23.3 | 23.2 | 21.4 | 19.5         | 85.9   | 7.0         | 14.7              | 0.5           | 5.8        | W          | 0.0               |
| 09   | 11    | 23.1            | 29.9       | 19.0       | 23.8             | 23.6 | 23.5 | 23.3 | 21.4 | 19.5         | 89.7   | 3.5         | 14.2              | 0.3           | 4.2        | ESE        | 0.0               |
| 09   | 12    | 21.2            | 27.6       | 17.4       | 23.6             | 23.7 | 23.7 | 23.4 | 21.4 | 19.5         | 82.9   | 0.5         | 18.1              | 0.4           | 5.9        | ESE        | 0.0               |
| 09   | 13    | 15.5            | 18.0       | 14.3       | 21.8             | 22.5 | 23.1 | 23.5 | 21.5 | 19.6         | 96.7   | 1.5         | 1.7               | 0.2           | 3.5        | E          | 0.0               |
| 09   | 14    | 17.5            | 23.7       | 11.9       | 21.1             | 21.6 | 22.2 | 23.3 | 21.5 | 19.6         | 86.3   | 0.5         | 14.7              | 0.2           | 4.6        | SE         | 0.0               |
| 09   | 15    | 21.3            | 27.7       | 16.2       | 22.0             | 22.0 | 22.2 | 23.0 | 21.5 | 19.6         | 81.6   | 0.0         | 19.9              | 0.3           | 5.3        | S          | 0.0               |
| 09   | 16    | 20.3            | 24.1       | 18.1       | 22.1             | 22.2 | 22.5 | 22.9 | 21.5 | 19.6         | 93.6   | 6.0         | 5.8               | 0.1           | 2.4        | WSW        | 0.0               |
| 09   | 17    | 21.3            | 27.0       | 18.2       | 22.2             | 22.3 | 22.5 | 22.9 | 21.4 | 19.6         | 86.6   | 0.0         | 10.3              | 0.2           | 3.4        | SSE        | 0.0               |
| 09   | 18    | 17.6            | 19.4       | 15.8       | 21.3             | 21.8 | 22.3 | 22.8 | 21.4 | 19.7         | 93.6   | 6.0         | 2.2               | 0.1           | 3.1        | E          | 0.0               |
| 09   | 19    | 17.0            | 24.2       | 11.7       | 20.6             | 21.1 | 21.7 | 22.7 | 21.4 | 19.7         | 84.8   | 0.0         | 14.0              | 0.3           | 5.1        | SE         | 0.0               |
| 09   | 20    | 17.2            | 22.7       | 14.4       | 20.5             | 20.9 | 21.4 | 22.5 | 21.4 | 19.7         | 85.4   | 0.0         | 11.4              | 0.2           | 4.5        | SE         | 0.0               |
| 09   | 21    | 14.7            | 16.0       | 13.8       | 19.7             | 20.4 | 21.1 | 22.3 | 21.3 | 19.7         | 97.0   | 2.0         | 1.4               | 0.1           | 2.5        | E          | 0.0               |
| 09   | 22    | 15.8            | 18.1       | 13.0       | 19.2             | 19.8 | 20.6 | 22.1 | 21.3 | 19.7         | 94.2   | 5.0         | 4.5               | 0.0           | 2.8        | ESE        | 0.0               |
| 09   | 23    | 18.1            | 20.8       | 15.6       | 19.5             | 19.8 | 20.4 | 21.8 | 21.2 | 19.7         | 96.9   | 4.0         | 3.1               | 0.3           | 8.4        | NNE        | 0.0               |
| 09   | 24    | 19.4            | 25.1       | 16.4       | 20.1             | 20.2 | 20.5 | 21.6 | 21.1 | 19.7         | 90.8   | 1.0         | 8.8               | 0.2           | 3.8        | ESE        | 0.0               |
| 09   | 25    | 18.6            | 26.0       | 13.4       | 20.3             | 20.4 | 20.7 | 21.5 | 21.0 | 19.8         | 78.7   | 0.0         | 15.0              | 0.4           | 3.3        | SSW        | 0.0               |
| 09   | 26    | 17.6            | 23.8       | 11.7       | 19.6             | 20.0 | 20.5 | 21.5 | 20.9 | 19.8         | 83.5   | 0.0         | 17.0              | 0.3           | 4.3        | SSE        | 0.0               |
| 09   | 27    | 19.1            | 27.2       | 13.3       | 20.1             | 20.3 | 20.6 | 21.4 | 20.8 | 19.8         | 78.5   | 0.0         | 16.1              | 0.4           | 5.5        | W          | 0.0               |
| 09   | 28    | 17.9            | 24.3       | 14.6       | 19.8             | 20.1 | 20.6 | 21.4 | 20.8 | 19.8         | 79.7   | 0.0         | 9.4               | 0.4           | 4.9        | WNW        | 0.0               |
| 09   | 29    | 19.1            | 27.2       | 13.8       | 19.8             | 20.0 | 20.4 | 21.3 | 20.7 | 19.8         | 78.2   | 0.5         | 14.1              | 0.3           | 4.0        | SW         | 0.0               |
| 09   | 30    | 19.5            | 26.7       | 15.3       | 20.7             | 20.6 | 20.7 | 21.3 | 20.7 | 19.8         | 85.9   | 3.0         | 10.8              | 0.3           | 4.5        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 175.0       |                   |               |            |            |                   |
| 平均   | Mean  | 19.7            | 25.2       | 16.0       | 21.5             | 21.7 | 22.0 | 22.5 | 21.2 | 19.5         | 87.7   | 5.8         | 11.1              | 0.3           | 4.4        |            |                   |
| 最高   | Max.  | 24.0            | 32.1       | 20.4       | 23.8             | 23.7 | 23.7 | 23.5 | 21.5 | 19.8         | 97.0   | 85.0        | 21.0              | 0.6           | 8.4        |            | 0.0               |
| 最低   | Min.  | 14.7            | 16.0       | 11.7       | 19.2             | 19.8 | 20.4 | 21.3 | 20.7 | 18.8         | 78.2   | 0.0         | 1.4               | 0.0           | 2.4        |            | 0.0               |

2019年 10月  
Oct. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 19.5            | 27.6       | 14.9       | 21.9             | 21.4 | 21.2 | 21.3 | 20.6 | 19.8         | 82.7   | 0.0         | 15.5              | 0.3           | 5.1        | SSE        | 0.0               |
| 10   | 2     | 19.0            | 27.2       | 12.8       | 21.6             | 21.4 | 21.4 | 21.5 | 20.5 | 19.7         | 79.0   | 0.0         | 14.8              | 0.2           | 4.6        | S          | 0.0               |
| 10   | 3     | 18.0            | 23.4       | 14.9       | 21.1             | 21.2 | 21.4 | 21.5 | 20.5 | 19.7         | 86.7   | 0.0         | 9.0               | 0.5           | 4.4        | ESE        | 0.0               |
| 10   | 4     | 18.9            | 26.0       | 15.7       | 21.2             | 21.1 | 21.2 | 21.5 | 20.5 | 19.7         | 86.8   | 8.0         | 9.7               | 0.5           | 10.2       | WNW        | 0.0               |
| 10   | 5     | 19.6            | 27.2       | 13.8       | 21.3             | 21.1 | 21.2 | 21.5 | 20.4 | 19.7         | 75.6   | 0.0         | 15.8              | 0.5           | 4.2        | SW         | 0.0               |
| 10   | 6     | 16.5            | 19.8       | 13.5       | 20.6             | 21.0 | 21.3 | 21.5 | 20.4 | 19.6         | 91.9   | 1.5         | 3.9               | 0.2           | 3.5        | ESE        | 0.0               |
| 10   | 7     | 14.2            | 17.3       | 12.3       | 19.5             | 20.0 | 20.6 | 21.5 | 20.4 | 19.6         | 92.5   | 2.5         | 4.5               | 0.0           | 2.5        | ESE        | 0.0               |
| 10   | 8     | 18.1            | 28.0       | 13.5       | 20.6             | 20.3 | 20.5 | 21.3 | 20.4 | 19.6         | 87.5   | 0.5         | 13.0              | 0.5           | 8.2        | WSW        | 0.0               |
| 10   | 9     | 14.9            | 22.3       | 9.2        | 20.2             | 20.4 | 20.7 | 21.2 | 20.4 | 19.6         | 73.5   | 0.0         | 16.6              | 0.6           | 5.0        | SSW        | 0.0               |
| 10   | 10    | 14.3            | 22.1       | 7.6        | 19.3             | 19.6 | 20.1 | 21.1 | 20.4 | 19.6         | 81.1   | 0.0         | 16.2              | 0.5           | 5.5        | S          | 0.0               |
| 10   | 11    | 16.3            | 20.1       | 13.5       | 19.3             | 19.6 | 20.0 | 20.9 | 20.2 | 19.5         | 95.6   | 39.0        | 4.3               | 0.0           | 1.8        | SSW        | 0.0               |
| 10   | 12    | 17.8            | 20.0       | 15.3       | 18.4             | 18.5 | 18.7 | 19.7 | 19.5 | 19.6         | 98.8   | 455.0       | 0.2               | 0.2           | 9.1        | W          | 0.0               |
| 10   | 13    | 18.8            | 25.1       | 14.4       | 19.9             | 19.4 | 19.3 | 19.0 | 18.7 | 20.3         | 72.8   | 0.0         | 15.9              | 1.2           | 11.6       | W          | 0.0               |
| 10   | 14    | 13.5            | 17.4       | 12.1       | 18.4             | 18.8 | 19.1 | 19.3 | 18.8 | 20.3         | 85.1   | 0.5         | 6.0               | 0.1           | 4.0        | SE         | 0.0               |
| 10   | 15    | 13.6            | 16.5       | 10.7       | 17.5             | 18.0 | 18.5 | 19.3 | 19.0 | 20.2         | 90.0   | 0.5         | 3.7               | 0.1           | 3.9        | ESE        | 0.0               |
| 10   | 16    | 9.9             | 11.1       | 7.8        | 16.2             | 17.0 | 17.9 | 19.2 | 19.0 | 20.1         | 95.8   | 0.5         | 2.7               | 0.3           | 5.4        | ESE        | 0.0               |
| 10   | 17    | 12.7            | 19.1       | 7.2        | 16.3             | 16.7 | 17.4 | 19.0 | 19.1 | 20.0         | 88.7   | 0.5         | 9.9               | 0.2           | 3.9        | S          | 0.0               |
| 10   | 18    | 11.4            | 12.8       | 10.3       | 15.9             | 16.6 | 17.3 | 18.8 | 19.0 | 19.9         | 99.3   | 11.5        | 0.9               | 0.2           | 3.0        | E          | 0.0               |
| 10   | 19    | 14.5            | 21.8       | 10.4       | 16.2             | 16.1 | 16.7 | 18.5 | 18.9 | 19.8         | 95.1   | 19.5        | 8.4               | 0.2           | 4.9        | ESE        | 0.0               |
| 10   | 20    | 15.5            | 18.9       | 13.7       | 17.0             | 17.0 | 17.3 | 18.4 | 18.8 | 19.8         | 94.5   | 0.0         | 4.4               | 0.2           | 4.3        | E          | 0.0               |
| 10   | 21    | 12.8            | 14.5       | 11.1       | 16.4             | 16.8 | 17.4 | 18.4 | 18.7 | 19.7         | 96.4   | 13.5        | 1.3               | 0.2           | 5.6        | E          | 0.0               |
| 10   | 22    | 11.3            | 12.3       | 10.6       | 14.1             | 14.9 | 15.9 | 18.1 | 18.5 | 19.6         | 99.2   | 48.5        | 1.5               | 0.0           | 4.0        | ESE        | 0.0               |
| 10   | 23    | 14.2            | 21.3       | 8.8        | 15.4             | 15.3 | 15.8 | 17.6 | 18.5 | 19.6         | 86.9   | 0.0         | 13.5              | 0.3           | 3.3        | S          | 0.0               |
| 10   | 24    | 11.7            | 13.3       | 9.6        | 15.3             | 15.8 | 16.3 | 17.5 | 18.3 | 19.6         | 98.3   | 8.0         | 0.9               | 0.2           | 3.1        | E          | 0.0               |
| 10   | 25    | 10.4            | 11.2       | 9.6        | 12.9             | 13.7 | 14.7 | 17.1 | 18.0 | 19.4         | 99.7   | 92.0        | 0.7               | 0.0           | 2.4        | NW         | 0.0               |
| 10   | 26    | 13.7            | 20.4       | 9.8        | 13.8             | 13.7 | 14.2 | 16.3 | 17.7 | 19.4         | 91.2   | 0.0         | 8.7               | 0.1           | 2.8        | SSE        | 0.0               |
| 10   | 27    | 12.9            | 19.9       | 9.6        | 14.4             | 14.5 | 14.9 | 16.3 | 17.6 | 19.3         | 87.9   | 0.0         | 8.0               | 0.2           | 3.6        | SE         | 0.0               |
| 10   | 28    | 12.3            | 18.3       | 8.5        | 14.9             | 14.9 | 15.2 | 16.4 | 17.5 | 19.3         | 84.2   | 0.0         | 13.3              | 0.3           | 4.8        | SE         | 0.0               |
| 10   | 29    | 10.1            | 11.3       | 7.9        | 14.0             | 14.5 | 15.2 | 16.4 | 17.3 | 19.2         | 98.0   | 5.5         | 1.3               | 0.0           | 1.9        | WSW        | 0.0               |
| 10   | 30    | 11.3            | 19.1       | 6.3        | 13.7             | 14.0 | 14.7 | 16.4 | 17.3 | 19.1         | 86.9   | 0.5         | 10.5              | 0.3           | 4.3        | S          | 0.0               |
| 10   | 31    | 11.1            | 18.2       | 7.5        | 13.8             | 14.2 | 14.8 | 16.3 | 17.2 | 19.0         | 88.3   | 0.0         | 9.6               | 0.5           | 4.6        | S          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 707.5       |                   |               |            |            |                   |
| 平均   | Mean  | 14.5            | 19.5       | 11.1       | 17.4             | 17.6 | 18.1 | 19.1 | 19.1 | 19.7         | 89.4   | 22.8        | 7.9               | 0.3           | 4.7        |            |                   |
| 最高   | Max.  | 19.6            | 28.0       | 15.7       | 21.9             | 21.4 | 21.4 | 21.5 | 20.6 | 20.3         | 99.7   | 455.0       | 16.6              | 1.2           | 11.6       |            | 0.0               |
| 最低   | Min.  | 9.9             | 11.1       | 6.3        | 12.9             | 13.7 | 14.2 | 16.3 | 17.2 | 19.0         | 72.8   | 0.0         | 0.2               | 0.0           | 1.8        |            | 0.0               |

2019年 11月  
Nov. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 11.6            | 21.8       | 4.8        | 13.5             | 13.9 | 14.6 | 16.2 | 17.1 | 19.0         | 72.9   | 0.0         | 13.4              | 0.5           | 3.5        | WSW        | 0.0               |
| 11   | 2     | 9.5             | 17.6       | 4.5        | 13.1             | 13.6 | 14.4 | 16.1 | 17.0 | 18.9         | 83.9   | 0.0         | 11.6              | 0.3           | 3.9        | S          | 0.0               |
| 11   | 3     | 10.6            | 18.3       | 6.3        | 13.0             | 13.4 | 14.2 | 15.9 | 17.0 | 18.8         | 86.4   | 0.0         | 6.7               | 0.2           | 3.5        | SW         | 0.0               |
| 11   | 4     | 9.7             | 18.0       | 3.8        | 13.1             | 13.5 | 14.2 | 15.8 | 16.9 | 18.8         | 78.0   | 0.0         | 11.4              | 0.5           | 5.5        | SSE        | 0.0               |
| 11   | 5     | 7.9             | 16.9       | 1.8        | 11.9             | 12.7 | 13.7 | 15.7 | 16.8 | 18.7         | 70.9   | 0.0         | 12.9              | 0.5           | 3.7        | SW         | 0.0               |
| 11   | 6     | 9.0             | 19.2       | 2.7        | 11.7             | 12.3 | 13.3 | 15.5 | 16.7 | 18.6         | 66.1   | 0.0         | 12.9              | 0.5           | 3.5        | WSW        | 0.0               |
| 11   | 7     | 9.5             | 18.6       | 3.1        | 11.6             | 12.2 | 13.1 | 15.2 | 16.6 | 18.6         | 66.4   | 0.0         | 11.2              | 0.5           | 4.6        | W          | 0.0               |
| 11   | 8     | 9.2             | 15.8       | 3.9        | 11.8             | 12.2 | 13.0 | 15.1 | 16.5 | 18.5         | 70.6   | 0.0         | 12.0              | 0.6           | 4.5        | S          | 0.0               |
| 11   | 9     | 8.3             | 16.7       | 3.3        | 11.9             | 12.4 | 13.1 | 14.9 | 16.4 | 18.4         | 76.4   | 0.0         | 10.8              | 0.4           | 4.2        | SSW        | 0.0               |
| 11   | 10    | 8.5             | 16.5       | 3.2        | 11.4             | 11.9 | 12.8 | 14.8 | 16.3 | 18.4         | 77.6   | 0.0         | 11.8              | 0.5           | 4.3        | SSW        | 0.0               |
| 11   | 11    | 8.2             | 15.0       | 5.3        | 11.8             | 12.2 | 12.9 | 14.7 | 16.1 | 18.3         | 91.5   | 6.0         | 8.6               | 0.4           | 5.5        | SE         | 0.0               |
| 11   | 12    | 9.6             | 19.4       | 4.7        | 11.6             | 12.0 | 12.8 | 14.6 | 16.0 | 18.2         | 77.7   | 0.0         | 11.9              | 0.4           | 5.8        | SW         | 0.0               |
| 11   | 13    | 8.3             | 14.3       | 4.3        | 11.0             | 11.7 | 12.6 | 14.5 | 15.9 | 18.1         | 82.5   | 0.0         | 6.0               | 0.6           | 4.7        | ESE        | 0.0               |
| 11   | 14    | 11.1            | 21.5       | 3.4        | 11.7             | 11.9 | 12.6 | 14.4 | 15.8 | 18.0         | 70.3   | 0.0         | 10.2              | 0.9           | 8.5        | WNW        | 0.0               |
| 11   | 15    | 6.4             | 14.2       | 1.3        | 10.6             | 11.3 | 12.3 | 14.3 | 15.7 | 18.0         | 75.5   | 0.0         | 11.5              | 0.6           | 3.8        | SSW        | 0.0               |
| 11   | 16    | 7.8             | 17.3       | 2.7        | 10.1             | 10.8 | 11.9 | 14.1 | 15.7 | 17.9         | 69.1   | 0.0         | 9.6               | 0.6           | 5.3        | W          | 0.0               |
| 11   | 17    | 8.2             | 17.7       | 3.3        | 10.1             | 10.7 | 11.7 | 13.9 | 15.6 | 17.9         | 67.8   | 0.0         | 10.6              | 0.6           | 5.5        | WSW        | 0.0               |
| 11   | 18    | 11.5            | 21.2       | 3.9        | 10.7             | 10.9 | 11.7 | 13.7 | 15.4 | 17.8         | 67.1   | 2.0         | 8.5               | 1.6           | 13.0       | NNW        | 0.0               |
| 11   | 19    | 10.8            | 18.2       | 3.4        | 12.2             | 12.1 | 12.3 | 13.7 | 15.3 | 17.7         | 87.5   | 5.0         | 10.3              | 0.5           | 4.4        | SE         | 0.0               |
| 11   | 20    | 4.5             | 13.0       | -0.3       | 10.3             | 11.2 | 12.1 | 13.7 | 15.2 | 17.6         | 75.1   | 0.0         | 11.0              | 0.6           | 7.0        | SSW        | 0.0               |
| 11   | 21    | 4.4             | 13.8       | -1.2       | 9.1              | 10.0 | 11.3 | 13.6 | 15.1 | 17.5         | 72.6   | 0.0         | 10.9              | 0.7           | 4.0        | WSW        | 0.0               |
| 11   | 22    | 3.2             | 5.6        | -0.3       | 8.0              | 9.1  | 10.6 | 13.3 | 15.0 | 17.5         | 95.2   | 20.0        | 1.2               | 0.1           | 3.0        | W          | 0.0               |
| 11   | 23    | 7.9             | 9.8        | 5.4        | 9.0              | 9.3  | 10.2 | 12.8 | 14.8 | 17.3         | 98.6   | 9.0         | 2.3               | 0.0           | 1.9        | WNW        | 0.0               |
| 11   | 24    | 12.9            | 19.8       | 8.5        | 11.4             | 10.9 | 11.0 | 12.6 | 14.7 | 17.3         | 93.2   | 5.0         | 7.6               | 0.2           | 3.5        | SW         | 0.0               |
| 11   | 25    | 12.6            | 21.1       | 7.7        | 11.9             | 11.8 | 11.9 | 12.8 | 14.5 | 17.2         | 82.3   | 0.0         | 6.9               | 0.5           | 5.0        | E          | 0.0               |
| 11   | 26    | 4.6             | 7.9        | 2.9        | 10.7             | 11.3 | 12.0 | 13.0 | 14.3 | 17.1         | 98.3   | 2.0         | 1.5               | 0.3           | 4.1        | ESE        | 0.0               |
| 11   | 27    | 6.2             | 13.0       | 2.6        | 10.4             | 10.8 | 11.5 | 13.0 | 14.3 | 17.1         | 94.7   | 0.0         | 6.5               | 0.1           | 2.6        | SSE        | 0.0               |
| 11   | 28    | 4.2             | 7.1        | -1.6       | 9.8              | 10.6 | 11.4 | 12.9 | 14.2 | 17.0         | 85.2   | 0.0         | 1.4               | 0.3           | 4.4        | E          | 0.0               |
| 11   | 29    | 1.4             | 9.0        | -3.0       | 7.9              | 9.1  | 10.5 | 12.8 | 14.2 | 16.9         | 66.6   | 0.0         | 9.9               | 0.5           | 7.4        | SW         | 0.0               |
| 11   | 30    | 2.6             | 10.3       | -1.8       | 7.2              | 8.2  | 9.7  | 12.5 | 14.2 | 16.9         | 63.4   | 0.0         | 10.0              | 0.6           | 6.4        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 49.0        |                   |               |            |            |                   |
| 平均   | Mean  | 8.0             | 15.6       | 3.0        | 10.9             | 11.5 | 12.3 | 14.2 | 15.6 | 17.9         | 78.8   | 1.6         | 9.0               | 0.5           | 4.9        |            |                   |
| 最高   | Max.  | 12.9            | 21.8       | 8.5        | 13.5             | 13.9 | 14.6 | 16.2 | 17.1 | 19.0         | 98.6   | 20.0        | 13.4              | 1.6           | 13.0       |            | 0.0               |
| 最低   | Min.  | 1.4             | 5.6        | -3.0       | 7.2              | 8.2  | 9.7  | 12.5 | 14.2 | 16.9         | 63.4   | 0.0         | 1.2               | 0.0           | 1.9        |            | 0.0               |

2019年 12月  
Dec. 2019

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 4.3             | 13.9       | -2.6       | 6.8              | 7.7 | 9.2 | 12.1 | 14.1 | 16.8         | 72.4   | 0.0         | 7.5               | 0.8           | 8.7        | SSW        | 0.0               |
| 12   | 2     | 8.5             | 13.1       | 5.5        | 8.0              | 8.3 | 9.3 | 11.7 | 13.9 | 16.7         | 87.0   | 11.0        | 1.7               | 1.2           | 11.0       | NW         | 0.0               |
| 12   | 3     | 5.7             | 13.5       | 0.7        | 8.4              | 8.7 | 9.5 | 11.6 | 13.7 | 16.6         | 78.2   | 0.0         | 9.9               | 0.5           | 4.9        | SW         | 0.0               |
| 12   | 4     | 4.8             | 15.0       | -0.7       | 7.7              | 8.3 | 9.3 | 11.5 | 13.6 | 16.5         | 60.6   | 0.0         | 11.2              | 0.9           | 5.2        | W          | 0.0               |
| 12   | 5     | 4.1             | 14.0       | -0.5       | 7.2              | 7.9 | 9.0 | 11.3 | 13.5 | 16.5         | 59.5   | 0.0         | 8.9               | 0.6           | 5.5        | W          | 0.0               |
| 12   | 6     | 1.7             | 7.4        | -1.4       | 6.5              | 7.4 | 8.7 | 11.1 | 13.3 | 16.4         | 70.1   | 0.0         | 4.8               | 0.3           | 3.6        | SSE        | 0.0               |
| 12   | 7     | 0.8             | 3.0        | -0.7       | 6.1              | 7.0 | 8.3 | 10.9 | 13.2 | 16.3         | 77.5   | 0.0         | 2.0               | 0.1           | 3.0        | SE         | 0.0               |
| 12   | 8     | 3.2             | 12.9       | -1.6       | 6.0              | 6.7 | 8.0 | 10.7 | 13.1 | 16.3         | 66.5   | 0.0         | 9.5               | 0.8           | 4.5        | NW         | 0.0               |
| 12   | 9     | 2.1             | 9.2        | -2.4       | 5.8              | 6.5 | 7.7 | 10.4 | 12.9 | 16.2         | 82.1   | 0.0         | 9.2               | 0.5           | 4.3        | SSE        | 0.0               |
| 12   | 10    | 5.4             | 13.2       | 1.2        | 7.1              | 7.2 | 8.0 | 10.3 | 12.8 | 16.1         | 86.8   | 0.0         | 8.0               | 0.4           | 4.2        | SSW        | 0.0               |
| 12   | 11    | 6.5             | 13.7       | 2.5        | 7.1              | 7.4 | 8.2 | 10.2 | 12.6 | 16.0         | 80.2   | 0.0         | 6.9               | 0.5           | 4.0        | W          | 0.0               |
| 12   | 12    | 7.5             | 15.9       | 0.8        | 7.2              | 7.5 | 8.3 | 10.2 | 12.5 | 15.9         | 53.6   | 0.0         | 9.4               | 1.4           | 11.2       | WNW        | 0.0               |
| 12   | 13    | 1.1             | 7.3        | -2.1       | 5.7              | 6.6 | 7.9 | 10.1 | 12.4 | 15.9         | 69.9   | 0.0         | 5.3               | 0.5           | 4.3        | SSE        | 0.0               |
| 12   | 14    | 4.9             | 16.3       | -2.3       | 5.8              | 6.3 | 7.4 | 9.9  | 12.3 | 15.8         | 62.0   | 0.0         | 9.3               | 0.8           | 9.0        | W          | 0.0               |
| 12   | 15    | 2.4             | 11.4       | -1.7       | 5.7              | 6.3 | 7.4 | 9.7  | 12.2 | 15.7         | 65.7   | 0.0         | 8.0               | 0.6           | 5.6        | S          | 0.0               |
| 12   | 16    | 2.5             | 12.3       | -2.6       | 5.2              | 5.8 | 7.0 | 9.5  | 12.0 | 15.6         | 67.8   | 0.0         | 9.3               | 0.5           | 2.6        | SW         | 0.0               |
| 12   | 17    | 5.0             | 10.7       | -0.6       | 5.7              | 6.0 | 7.0 | 9.4  | 11.9 | 15.5         | 88.6   | 0.5         | 3.5               | 0.4           | 4.3        | NW         | 0.0               |
| 12   | 18    | 8.2             | 16.0       | 2.2        | 6.9              | 6.9 | 7.4 | 9.3  | 11.7 | 15.4         | 83.8   | 0.0         | 4.9               | 0.4           | 3.5        | NW         | 0.0               |
| 12   | 19    | 2.7             | 4.4        | 0.7        | 5.7              | 6.4 | 7.4 | 9.3  | 11.6 | 15.3         | 90.5   | 0.0         | 0.9               | 0.1           | 3.7        | NNE        | 0.0               |
| 12   | 20    | 4.8             | 13.7       | 0.6        | 6.5              | 6.6 | 7.3 | 9.3  | 11.5 | 15.3         | 77.6   | 0.0         | 9.1               | 0.6           | 5.2        | SSE        | 0.0               |
| 12   | 21    | 2.5             | 8.3        | -0.2       | 6.0              | 6.4 | 7.3 | 9.2  | 11.4 | 15.2         | 86.4   | 0.0         | 5.3               | 0.4           | 5.0        | SE         | 0.0               |
| 12   | 22    | 1.8             | 5.7        | -0.4       | 5.2              | 6.0 | 7.1 | 9.1  | 11.4 | 15.1         | 85.4   | 8.0         | 2.7               | 0.4           | 4.0        | ENE        | 0.0               |
| 12   | 23    | 2.7             | 9.1        | 0.1        | 5.0              | 5.5 | 6.6 | 9.0  | 11.2 | 15.0         | 92.8   | 9.5         | 8.2               | 0.5           | 3.1        | WSW        | 0.0               |
| 12   | 24    | 2.2             | 9.8        | -2.4       | 5.1              | 5.5 | 6.4 | 8.7  | 11.1 | 14.9         | 81.1   | 0.0         | 7.6               | 0.4           | 3.5        | SSE        | 0.0               |
| 12   | 25    | 0.5             | 8.5        | -3.5       | 4.3              | 5.0 | 6.2 | 8.6  | 11.1 | 14.8         | 81.4   | 0.0         | 7.8               | 0.5           | 4.3        | S          | 0.0               |
| 12   | 26    | 3.4             | 7.3        | 0.3        | 4.4              | 5.0 | 6.0 | 8.4  | 10.9 | 14.7         | 78.2   | 0.0         | 2.2               | 0.2           | 3.1        | NW         | 0.0               |
| 12   | 27    | 3.0             | 10.2       | -1.5       | 5.0              | 5.4 | 6.2 | 8.3  | 10.8 | 14.6         | 76.1   | 2.0         | 4.3               | 1.2           | 9.1        | WNW        | 0.0               |
| 12   | 28    | 0.7             | 9.0        | -3.3       | 4.1              | 4.7 | 5.8 | 8.2  | 10.7 | 14.6         | 62.6   | 0.0         | 9.4               | 0.6           | 4.7        | SSW        | 0.0               |
| 12   | 29    | 1.0             | 9.4        | -3.7       | 3.9              | 4.3 | 5.5 | 8.0  | 10.6 | 14.5         | 69.6   | 0.0         | 9.1               | 0.6           | 3.6        | SW         | 0.0               |
| 12   | 30    | 1.3             | 4.2        | -1.5       | 3.8              | 4.4 | 5.5 | 7.8  | 10.5 | 14.4         | 90.5   | 0.5         | 2.7               | 0.3           | 3.4        | NNW        | 0.0               |
| 12   | 31    | 5.8             | 19.0       | -3.2       | 5.2              | 5.1 | 5.7 | 7.7  | 10.3 | 14.3         | 63.6   | 0.0         | 9.5               | 1.5           | 11.5       | WNW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |      |      |              |        | 31.5        |                   |               |            |            |                   |
| 平均   | Mean  | 3.6             | 10.9       | -0.8       | 5.9              | 6.4 | 7.4 | 9.7  | 12.1 | 15.6         | 75.7   | 1.0         | 6.7               | 0.6           | 5.3        |            |                   |
| 最高   | Max.  | 8.5             | 19.0       | 5.5        | 8.4              | 8.7 | 9.5 | 12.1 | 14.1 | 16.8         | 92.8   | 11.0        | 11.2              | 1.5           | 11.5       |            | 0.0               |
| 最低   | Min.  | 0.5             | 3.0        | -3.7       | 3.8              | 4.3 | 5.5 | 7.7  | 10.3 | 14.3         | 53.6   | 0.0         | 0.9               | 0.1           | 2.6        |            | 0.0               |

2020年 01月  
Jan. 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 01   | 1     | 0.0             | 8.4        | -5.1       | 4.0              | 4.7 | 5.7 | 7.7 | 10.2 | 14.2         | 63.5   | 0.0         | 9.5               | 0.6           | 4.0        | SW         |                   |
| 01   | 2     | 1.9             | 11.3       | -2.7       | 3.8              | 4.3 | 5.3 | 7.6 | 10.1 | 14.2         | 63.8   | 0.0         | 9.5               | 0.7           | 4.0        | W          |                   |
| 01   | 3     | 2.5             | 11.5       | -2.5       | 3.9              | 4.3 | 5.2 | 7.4 | 10.0 | 14.1         | 63.1   | 0.0         | 9.2               | 0.7           | 7.1        | W          |                   |
| 01   | 4     | 2.1             | 10.3       | -1.9       | 3.9              | 4.2 | 5.1 | 7.3 | 9.9  | 14.0         | 66.9   | 0.0         | 9.1               | 0.8           | 5.4        | SSW        |                   |
| 01   | 5     | 1.0             | 7.5        | -2.0       | 4.0              | 4.4 | 5.2 | 7.2 | 9.8  | 13.9         | 56.9   | 0.0         | 8.2               | 1.2           | 7.9        | WNW        |                   |
| 01   | 6     | 1.6             | 10.8       | -4.0       | 3.5              | 3.9 | 4.9 | 7.1 | 9.7  | 13.8         | 54.1   | 0.0         | 9.3               | 0.6           | 3.3        | SW         | 0.0               |
| 01   | 7     | 0.1             | 4.7        | -2.9       | 3.1              | 3.7 | 4.8 | 7.0 | 9.6  | 13.7         | 80.2   | 0.0         | 3.7               | 0.6           | 3.7        | ESE        | 0.0               |
| 01   | 8     | 3.3             | 9.9        | -0.8       | 3.8              | 4.0 | 4.7 | 6.8 | 9.4  | 13.6         | 90.2   | 14.5        | 3.7               | 1.1           | 11.5       | NNW        | 0.0               |
| 01   | 9     | 6.2             | 14.2       | 0.3        | 4.8              | 4.7 | 5.1 | 6.8 | 9.3  | 13.6         | 52.2   | 0.0         | 9.8               | 1.8           | 10.4       | W          | 0.0               |
| 01   | 10    | 2.3             | 10.0       | -1.9       | 4.1              | 4.6 | 5.2 | 6.8 | 9.2  | 13.5         | 68.4   | 0.0         | 6.2               | 0.5           | 5.2        | W          | 0.0               |
| 01   | 11    | 1.0             | 8.7        | -3.1       | 3.7              | 4.1 | 5.0 | 6.8 | 9.1  | 13.4         | 78.7   | 0.0         | 9.0               | 0.6           | 4.8        | S          |                   |
| 01   | 12    | 1.9             | 9.3        | -1.9       | 3.6              | 3.9 | 4.8 | 6.7 | 9.1  | 13.3         | 78.8   | 0.0         | 5.5               | 0.5           | 4.4        | SSE        |                   |
| 01   | 13    | 3.2             | 12.8       | -1.8       | 4.5              | 4.5 | 5.0 | 6.7 | 9.0  | 13.2         | 72.4   | 0.0         | 9.8               | 0.6           | 4.3        | WSW        |                   |
| 01   | 14    | 2.7             | 10.3       | -2.2       | 4.0              | 4.3 | 5.0 | 6.7 | 8.9  | 13.1         | 74.1   | 0.0         | 7.7               | 0.5           | 4.1        | SSE        | 0.0               |
| 01   | 15    | 2.5             | 10.0       | -1.3       | 4.8              | 4.8 | 5.2 | 6.7 | 8.8  | 13.0         | 81.2   | 1.0         | 7.6               | 0.5           | 6.7        | NW         |                   |
| 01   | 16    | 1.4             | 10.4       | -3.1       | 4.1              | 4.4 | 5.2 | 6.7 | 8.8  | 13.0         | 58.3   | 0.0         | 9.5               | 0.7           | 4.2        | SSW        | 0.0               |
| 01   | 17    | 1.8             | 9.5        | -2.3       | 4.0              | 4.3 | 5.0 | 6.7 | 8.7  | 12.9         | 64.9   | 0.0         | 7.2               | 0.4           | 3.7        | SSE        | 0.0               |
| 01   | 18    | -0.4            | 0.8        | -1.7       | 3.6              | 4.2 | 5.0 | 6.6 | 8.6  | 12.8         | 96.7   | 6.5         | 0.4               | 0.0           | 1.3        | WSW        |                   |
| 01   | 19    | 0.4             | 6.5        | -4.3       | 3.7              | 4.0 | 4.8 | 6.6 | 8.6  | 12.7         | 88.2   | 0.0         | 6.7               | 0.4           | 3.8        | SSW        |                   |
| 01   | 20    | 2.3             | 11.2       | -2.3       | 4.1              | 4.1 | 4.7 | 6.5 | 8.5  | 12.6         | 77.3   | 0.0         | 10.3              | 0.7           | 3.9        | WSW        | 2.0               |
| 01   | 21    | 1.6             | 9.0        | -3.4       | 4.0              | 4.2 | 4.9 | 6.4 | 8.5  | 12.6         | 63.4   | 0.0         | 10.3              | 0.9           | 5.4        | W          | 0.0               |
| 01   | 22    | -0.6            | 6.5        | -4.6       | 2.8              | 3.5 | 4.5 | 6.4 | 8.4  | 12.5         | 74.9   | 0.0         | 5.7               | 0.5           | 4.5        | S          | 0.0               |
| 01   | 23    | 3.1             | 7.4        | -0.7       | 3.6              | 3.7 | 4.3 | 6.2 | 8.4  | 12.4         | 88.6   | 1.0         | 4.8               | 0.4           | 4.3        | NNW        | 0.0               |
| 01   | 24    | 5.6             | 13.8       | 0.6        | 5.1              | 4.8 | 5.0 | 6.2 | 8.3  | 12.4         | 85.1   | 0.0         | 7.1               | 0.4           | 4.8        | SSW        | 0.0               |
| 01   | 25    | 2.4             | 9.6        | -1.8       | 4.6              | 4.7 | 5.2 | 6.3 | 8.2  | 12.3         | 74.7   | 0.0         | 7.8               | 0.6           | 5.3        | SE         |                   |
| 01   | 26    | 1.7             | 8.9        | -1.2       | 4.4              | 4.7 | 5.2 | 6.4 | 8.2  | 12.2         | 65.5   | 0.0         | 4.5               | 0.2           | 2.9        | SSE        |                   |
| 01   | 27    | -0.2            | 1.8        | -1.3       | 3.3              | 4.0 | 4.9 | 6.4 | 8.2  | 12.2         | 81.9   | 3.5         | 1.6               | 0.2           | 4.5        | ESE        | 0.0               |
| 01   | 28    | 0.3             | 2.5        | -2.1       | 3.1              | 3.7 | 4.6 | 6.4 | 8.1  | 12.1         | 97.4   | 40.0        | 1.5               | 0.0           | 3.3        | WNW        | 19.0              |
| 01   | 29    | 5.8             | 15.6       | 0.8        | 2.2              | 2.5 | 3.1 | 5.5 | 7.8  | 12.0         | 89.5   | 23.0        | 10.8              | 0.6           | 3.9        | W          | 0.0               |
| 01   | 30    | 5.5             | 15.2       | 0.4        | 4.0              | 3.7 | 3.8 | 5.3 | 7.5  | 11.8         | 70.9   | 0.0         | 10.2              | 0.8           | 5.9        | WNW        | 0.0               |
| 01   | 31    | 2.3             | 8.6        | -1.8       | 4.0              | 4.0 | 4.3 | 5.4 | 7.5  | 11.6         | 58.2   | 0.0         | 9.9               | 1.3           | 8.3        | WNW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |     |     |      |              |        | 89.5        |                   |               |            |            |                   |
| 平均   | Mean  | 2.1             | 9.3        | -2.0       | 3.9              | 4.2 | 4.9 | 6.6 | 8.8  | 13.0         | 73.5   | 2.9         | 7.3               | 0.6           | 5.0        |            |                   |
| 最高   | Max.  | 6.2             | 15.6       | 0.8        | 5.1              | 4.8 | 5.7 | 7.7 | 10.2 | 14.2         | 97.4   | 40.0        | 10.8              | 1.8           | 11.5       |            |                   |
| 最低   | Min.  | -0.6            | 0.8        | -5.1       | 2.2              | 2.5 | 3.1 | 5.3 | 7.5  | 11.6         | 52.2   | 0.0         | 0.4               | 0.0           | 1.3        |            | 0.0               |

2020年 02月  
Feb. 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |     |     |     |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|-----|-----|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |     |     |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2 | 0.5 | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 02   | 1     | 2.4             | 11.3       | -2.4       | 3.9              | 3.9 | 4.3 | 5.6 | 7.4 | 11.6         | 53.3   | 0.0         | 12.6              | 0.8           | 5.1        | SSE        |                   |
| 02   | 2     | 2.5             | 12.1       | -3.7       | 4.1              | 4.0 | 4.4 | 5.6 | 7.4 | 11.5         | 56.7   | 0.0         | 12.8              | 0.8           | 4.4        | WSW        |                   |
| 02   | 3     | 3.7             | 14.3       | -2.9       | 4.6              | 4.4 | 4.6 | 5.7 | 7.3 | 11.4         | 59.1   | 0.0         | 12.6              | 0.8           | 5.7        | SW         | 0.0               |
| 02   | 4     | 2.2             | 11.1       | -2.3       | 4.3              | 4.4 | 4.8 | 5.7 | 7.3 | 11.4         | 60.3   | 0.0         | 11.3              | 0.7           | 5.0        | SW         | 0.0               |
| 02   | 5     | 2.5             | 11.2       | -2.9       | 4.2              | 4.2 | 4.7 | 5.8 | 7.3 | 11.3         | 52.6   | 0.0         | 12.4              | 1.8           | 10.6       | W          | 0.0               |
| 02   | 6     | -3.0            | 3.0        | -7.9       | 3.6              | 4.0 | 4.6 | 5.8 | 7.3 | 11.2         | 48.1   | 0.0         | 12.0              | 1.5           | 9.1        | SW         | 0.0               |
| 02   | 7     | -2.8            | 6.1        | -9.3       | 2.7              | 3.1 | 4.0 | 5.7 | 7.3 | 11.2         | 52.9   | 0.0         | 12.6              | 0.7           | 4.7        | S          | 0.0               |
| 02   | 8     | 1.0             | 11.1       | -4.3       | 2.9              | 3.2 | 3.9 | 5.6 | 7.3 | 11.2         | 59.0   | 0.0         | 9.8               | 0.8           | 4.6        | ESE        |                   |
| 02   | 9     | -1.2            | 5.0        | -6.1       | 3.0              | 3.2 | 3.8 | 5.5 | 7.3 | 11.1         | 46.7   | 0.0         | 13.2              | 1.4           | 9.4        | W          |                   |
| 02   | 10    | -0.9            | 6.9        | -7.5       | 2.3              | 2.8 | 3.6 | 5.4 | 7.2 | 11.1         | 53.5   | 0.0         | 9.1               | 1.1           | 8.4        | W          | 0.0               |
| 02   | 11    | 2.0             | 11.7       | -3.1       | 3.1              | 3.1 | 3.6 | 5.3 | 7.2 | 11.0         | 47.0   | 0.0         | 13.8              | 1.0           | 6.6        | SSW        | 0.0               |
| 02   | 12    | 4.0             | 14.4       | -3.2       | 3.6              | 3.5 | 3.9 | 5.2 | 7.1 | 11.0         | 50.1   | 0.0         | 11.1              | 0.5           | 4.2        | WSW        | 0.0               |
| 02   | 13    | 9.0             | 20.3       | 3.5        | 6.2              | 5.2 | 4.8 | 5.3 | 7.1 | 10.9         | 65.9   | 1.0         | 12.5              | 1.0           | 8.1        | W          | 0.0               |
| 02   | 14    | 6.9             | 14.2       | 2.7        | 5.8              | 5.7 | 5.6 | 5.6 | 7.0 | 10.8         | 73.3   | 0.0         | 6.5               | 0.7           | 3.9        | WNW        | 0.0               |
| 02   | 15    | 5.8             | 12.0       | 1.0        | 5.1              | 5.3 | 5.5 | 5.9 | 7.0 | 10.8         | 71.2   | 0.0         | 6.6               | 0.6           | 3.6        | WNW        |                   |
| 02   | 16    | 5.2             | 9.0        | 2.0        | 5.1              | 5.1 | 5.4 | 6.0 | 7.0 | 10.8         | 90.3   | 6.5         | 3.6               | 0.5           | 3.4        | ENE        |                   |
| 02   | 17    | 6.9             | 13.4       | 0.3        | 7.4              | 6.6 | 6.1 | 6.1 | 6.9 | 10.6         | 90.2   | 7.5         | 11.7              | 0.8           | 5.7        | ESE        | 0.0               |
| 02   | 18    | 1.5             | 7.7        | -3.0       | 6.3              | 6.4 | 6.5 | 6.4 | 7.1 | 10.6         | 45.6   | 0.0         | 13.6              | 1.9           | 12.2       | W          | 0.0               |
| 02   | 19    | 2.0             | 11.2       | -4.2       | 5.4              | 5.5 | 5.9 | 6.6 | 7.1 | 10.6         | 56.1   | 0.0         | 14.6              | 0.8           | 4.7        | SW         | 0.0               |
| 02   | 20    | 3.5             | 11.2       | -2.1       | 5.4              | 5.5 | 5.8 | 6.5 | 7.2 | 10.5         | 66.7   | 0.0         | 10.6              | 0.7           | 4.5        | S          |                   |
| 02   | 21    | 4.7             | 13.8       | -1.3       | 6.4              | 6.0 | 6.0 | 6.5 | 7.2 | 10.5         | 72.9   | 0.0         | 14.5              | 0.7           | 5.2        | SSW        | 0.0               |
| 02   | 22    | 6.9             | 15.8       | 0.8        | 7.0              | 6.6 | 6.5 | 6.7 | 7.3 | 10.5         | 77.8   | 5.0         | 11.0              | 1.6           | 11.4       | NNW        |                   |
| 02   | 23    | 4.5             | 10.3       | -1.8       | 6.9              | 6.7 | 6.7 | 6.8 | 7.3 | 10.4         | 47.0   | 0.0         | 15.4              | 2.1           | 12.6       | WNW        |                   |
| 02   | 24    | 4.5             | 14.6       | -2.5       | 6.5              | 6.3 | 6.5 | 7.0 | 7.4 | 10.4         | 53.9   | 0.0         | 15.5              | 0.8           | 3.8        | SSW        |                   |
| 02   | 25    | 4.6             | 11.4       | 0.4        | 5.8              | 6.1 | 6.5 | 7.0 | 7.4 | 10.4         | 69.4   | 0.5         | 5.6               | 0.6           | 4.0        | ESE        |                   |
| 02   | 26    | 3.3             | 5.1        | 0.5        | 5.8              | 6.0 | 6.4 | 7.0 | 7.4 | 10.3         | 97.0   | 0.5         | 1.7               | 0.0           | 2.6        | ESE        | 0.0               |
| 02   | 27    | 1.1             | 7.2        | -3.1       | 5.6              | 5.8 | 6.2 | 7.0 | 7.5 | 10.3         | 60.4   | 0.0         | 12.0              | 1.2           | 9.5        | W          | 0.0               |
| 02   | 28    | 2.2             | 10.9       | -4.5       | 5.4              | 5.5 | 5.9 | 6.9 | 7.5 | 10.3         | 50.1   | 0.0         | 14.5              | 0.9           | 5.7        | S          | 0.0               |
| 02   | 29    | 4.2             | 11.4       | -1.8       | 6.3              | 6.1 | 6.2 | 6.9 | 7.5 | 10.3         | 66.4   | 0.0         | 11.7              | 0.6           | 5.2        | SSE        |                   |
| 計    | Total |                 |            |            |                  |     |     |     |     |              |        | 21.0        |                   |               |            |            |                   |
| 平均   | Mean  | 3.1             | 11.0       | -2.4       | 5.0              | 5.0 | 5.3 | 6.1 | 7.3 | 10.8         | 61.8   | 0.7         | 11.2              | 0.9           | 6.3        |            |                   |
| 最高   | Max.  | 9.0             | 20.3       | 3.5        | 7.4              | 6.7 | 6.7 | 7.0 | 7.5 | 11.6         | 97.0   | 7.5         | 15.5              | 2.1           | 12.6       |            |                   |
| 最低   | Min.  | -3.0            | 3.0        | -9.3       | 2.3              | 2.8 | 3.6 | 5.2 | 6.9 | 10.3         | 45.6   | 0.0         | 1.7               | 0.0           | 2.6        |            | 0.0               |

2020年 03月  
Mar. 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 03   | 1     | 7.5             | 16.8       | 0.4        | 7.6              | 7.0  | 6.7  | 7.0  | 7.6 | 10.3         | 68.5   | 0.0         | 14.1              | 0.9           | 5.2        | S          |                   |
| 03   | 2     | 4.1             | 5.8        | 2.7        | 7.1              | 7.2  | 7.2  | 7.2  | 7.5 | 10.2         | 94.7   | 3.5         | 2.3               | 0.2           | 3.0        | SE         | 0.0               |
| 03   | 3     | 6.0             | 16.3       | -1.1       | 7.8              | 7.3  | 7.1  | 7.3  | 7.6 | 10.2         | 70.9   | 0.0         | 16.3              | 0.7           | 5.2        | SSE        | 0.0               |
| 03   | 4     | 3.1             | 5.1        | 1.6        | 6.8              | 7.2  | 7.4  | 7.5  | 7.6 | 10.2         | 92.8   | 0.5         | 2.1               | 0.5           | 4.3        | ESE        | 0.0               |
| 03   | 5     | 2.4             | 8.3        | -1.6       | 6.4              | 6.6  | 7.0  | 7.5  | 7.7 | 10.2         | 67.9   | 0.0         | 8.6               | 1.2           | 9.9        | WNW        | 0.0               |
| 03   | 6     | 3.7             | 13.7       | -1.7       | 6.4              | 6.3  | 6.6  | 7.5  | 7.7 | 10.2         | 47.9   | 0.0         | 17.5              | 1.3           | 6.8        | ESE        | 0.0               |
| 03   | 7     | 3.3             | 10.8       | -2.7       | 6.8              | 6.7  | 6.9  | 7.4  | 7.8 | 10.2         | 71.6   | 0.0         | 14.3              | 0.8           | 5.1        | SE         |                   |
| 03   | 8     | 2.7             | 5.3        | 0.7        | 6.3              | 6.7  | 7.0  | 7.5  | 7.8 | 10.2         | 94.7   | 2.0         | 2.6               | 0.1           | 3.8        | WSW        |                   |
| 03   | 9     | 10.0            | 19.5       | 2.2        | 8.5              | 7.5  | 7.1  | 7.5  | 7.8 | 10.2         | 79.2   | 0.0         | 16.9              | 0.6           | 4.9        | S          | 0.0               |
| 03   | 10    | 9.3             | 11.1       | 7.8        | 9.1              | 8.9  | 8.4  | 7.7  | 7.8 | 10.1         | 94.8   | 35.0        | 2.1               | 0.2           | 3.7        | W          | 0.0               |
| 03   | 11    | 10.5            | 18.9       | 2.3        | 10.7             | 9.7  | 9.0  | 8.1  | 7.8 | 10.1         | 62.6   | 0.5         | 18.4              | 1.1           | 9.6        | WSW        | 0.0               |
| 03   | 12    | 5.7             | 14.1       | -1.3       | 9.7              | 9.5  | 9.2  | 8.5  | 7.9 | 10.1         | 64.0   | 0.0         | 18.2              | 0.7           | 5.5        | S          | 0.0               |
| 03   | 13    | 6.8             | 16.8       | 0.3        | 9.3              | 9.1  | 9.1  | 8.7  | 8.0 | 10.1         | 70.0   | 0.0         | 13.6              | 0.5           | 5.9        | SSE        | 0.0               |
| 03   | 14    | 1.5             | 3.8        | -1.3       | 7.1              | 7.9  | 8.6  | 8.8  | 8.1 | 10.0         | 93.9   | 7.0         | 2.0               | 0.3           | 4.0        | ESE        |                   |
| 03   | 15    | 1.3             | 8.9        | -3.1       | 7.0              | 7.1  | 7.6  | 8.6  | 8.2 | 10.0         | 89.8   | 2.0         | 12.9              | 0.4           | 4.1        | SSE        |                   |
| 03   | 16    | 0.4             | 7.6        | -2.9       | 6.7              | 7.1  | 7.6  | 8.4  | 8.3 | 10.0         | 70.2   | 0.0         | 10.9              | 1.3           | 9.4        | W          | 0.0               |
| 03   | 17    | 2.2             | 11.2       | -5.3       | 6.7              | 6.7  | 7.2  | 8.2  | 8.3 | 10.1         | 58.2   | 0.0         | 18.9              | 0.7           | 4.9        | SSE        |                   |
| 03   | 18    | 8.1             | 18.3       | 1.3        | 8.7              | 8.0  | 7.8  | 8.1  | 8.3 | 10.1         | 53.1   | 0.0         | 19.3              | 1.1           | 8.4        | SW         | 0.0               |
| 03   | 19    | 10.5            | 19.3       | 1.0        | 9.5              | 8.9  | 8.5  | 8.3  | 8.3 | 10.1         | 56.5   | 0.0         | 18.6              | 1.4           | 10.3       | WSW        | 0.0               |
| 03   | 20    | 8.6             | 14.6       | 1.3        | 10.4             | 9.9  | 9.3  | 8.6  | 8.3 | 10.1         | 47.4   | 0.0         | 19.8              | 2.1           | 12.1       | W          |                   |
| 03   | 21    | 9.2             | 20.6       | 0.4        | 9.5              | 9.3  | 9.2  | 8.8  | 8.4 | 10.1         | 42.6   | 0.0         | 16.5              | 1.4           | 12.0       | WNW        |                   |
| 03   | 22    | 12.1            | 23.2       | 5.2        | 10.1             | 9.6  | 9.3  | 9.0  | 8.4 | 10.1         | 47.2   | 0.0         | 15.9              | 2.1           | 15.2       | WNW        |                   |
| 03   | 23    | 5.9             | 13.2       | 0.4        | 9.5              | 9.5  | 9.5  | 9.1  | 8.5 | 10.1         | 58.4   | 0.0         | 12.1              | 0.9           | 6.2        | ESE        |                   |
| 03   | 24    | 2.8             | 9.9        | -2.0       | 8.4              | 8.7  | 9.0  | 9.2  | 8.6 | 10.1         | 48.7   | 0.0         | 16.7              | 1.3           | 9.1        | WSW        |                   |
| 03   | 25    | 5.0             | 15.5       | -3.4       | 8.6              | 8.5  | 8.7  | 9.1  | 8.7 | 10.1         | 47.1   | 0.0         | 20.2              | 0.9           | 5.9        | SSE        | 0.0               |
| 03   | 26    | 10.5            | 20.7       | 1.9        | 10.2             | 9.5  | 9.2  | 9.1  | 8.8 | 10.1         | 44.9   | 0.0         | 19.6              | 0.9           | 6.1        | S          |                   |
| 03   | 27    | 12.7            | 19.6       | 5.7        | 10.5             | 10.1 | 9.7  | 9.2  | 8.8 | 10.1         | 59.4   | 0.0         | 10.3              | 1.8           | 10.8       | WNW        | 0.0               |
| 03   | 28    | 12.9            | 21.1       | 4.2        | 11.8             | 11.2 | 10.5 | 9.5  | 8.7 | 10.1         | 88.1   | 40.5        | 6.6               | 0.7           | 5.0        | ESE        |                   |
| 03   | 29    | 0.8             | 4.3        | -0.1       | 7.4              | 8.6  | 9.8  | 10.0 | 8.8 | 10.1         | 98.5   | 34.5        | 0.4               | 0.2           | 3.8        | ESE        |                   |
| 03   | 30    | 0.8             | 3.9        | -0.6       | 5.7              | 6.8  | 8.1  | 9.7  | 9.0 | 10.1         | 97.5   | 4.5         | 3.1               | 0.1           | 2.6        | ESE        | 10.0              |
| 03   | 31    | 4.2             | 9.1        | 0.2        | 4.9              | 5.8  | 7.0  | 9.1  | 9.0 | 10.1         | 94.6   | 0.0         | 10.1              | 0.2           | 3.6        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |     |              |        | 130.0       |                   |               |            |            |                   |
| 平均   | Mean  | 6.0             | 13.1       | 0.4        | 8.2              | 8.2  | 8.2  | 8.4  | 8.2 | 10.1         | 70.2   | 4.2         | 12.3              | 0.8           | 6.6        |            |                   |
| 最高   | Max.  | 12.9            | 23.2       | 7.8        | 11.8             | 11.2 | 10.5 | 10.0 | 9.0 | 10.3         | 98.5   | 40.5        | 20.2              | 2.1           | 15.2       |            |                   |
| 最低   | Min.  | 0.4             | 3.8        | -5.3       | 4.9              | 5.8  | 6.6  | 7.0  | 7.5 | 10.0         | 42.6   | 0.0         | 0.4               | 0.1           | 2.6        |            | 0.0               |

2020年 04月  
Apr. 2020

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |     |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|-----|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |     |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0 | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 04   | 1     | 6.5             | 8.8        | 4.4        | 6.5              | 6.4  | 6.8  | 8.5  | 9.0 | 10.1         | 97.8   | 12.0        | 2.9               | 0.1           | 4.5        | WNW        |                   |
| 04   | 2     | 7.9             | 15.2       | 0.5        | 8.9              | 8.2  | 7.9  | 8.4  | 8.9 | 10.1         | 62.4   | 0.0         | 18.4              | 1.9           | 9.4        | W          |                   |
| 04   | 3     | 7.2             | 16.5       | -1.3       | 9.1              | 8.6  | 8.4  | 8.6  | 8.9 | 10.1         | 57.9   | 0.0         | 19.4              | 0.8           | 4.9        | ESE        |                   |
| 04   | 4     | 10.1            | 19.8       | 2.3        | 10.0             | 9.5  | 9.1  | 8.8  | 8.8 | 10.1         | 62.0   | 0.0         | 17.5              | 1.1           | 8.8        | WNW        |                   |
| 04   | 5     | 4.8             | 9.6        | -0.8       | 8.7              | 9.0  | 9.2  | 9.0  | 8.8 | 10.1         | 74.7   | 0.5         | 8.6               | 0.8           | 5.8        | E          |                   |
| 04   | 6     | 6.2             | 17.1       | -1.7       | 8.9              | 8.6  | 8.7  | 9.1  | 8.8 | 10.2         | 58.8   | 0.0         | 21.6              | 1.0           | 8.5        | ESE        |                   |
| 04   | 7     | 7.1             | 15.7       | 0.1        | 9.7              | 9.3  | 9.2  | 9.1  | 8.9 | 10.2         | 66.0   | 0.0         | 17.3              | 0.8           | 5.5        | SE         |                   |
| 04   | 8     | 8.9             | 17.4       | 2.0        | 10.4             | 9.9  | 9.6  | 9.3  | 8.9 | 10.2         | 66.6   | 0.0         | 17.6              | 0.8           | 4.9        | SE         |                   |
| 04   | 9     | 8.1             | 15.5       | 3.2        | 10.4             | 10.1 | 9.9  | 9.5  | 8.9 | 10.2         | 67.0   | 0.0         | 14.5              | 0.8           | 6.5        | ESE        |                   |
| 04   | 10    | 6.8             | 14.7       | 0.1        | 11.0             | 10.6 | 10.2 | 9.7  | 9.0 | 10.2         | 59.4   | 0.0         | 19.9              | 1.0           | 8.5        | SSE        |                   |
| 04   | 11    | 5.2             | 14.4       | -1.4       | 9.8              | 9.9  | 10.0 | 9.8  | 9.1 | 10.2         | 65.2   | 1.0         | 14.1              | 0.8           | 5.5        | SSE        |                   |
| 04   | 12    | 4.3             | 6.7        | 2.8        | 9.0              | 9.4  | 9.7  | 9.9  | 9.1 | 10.2         | 93.8   | 4.0         | 3.1               | 0.2           | 3.1        | SE         |                   |
| 04   | 13    | 1.7             | 3.0        | 0.4        | 5.7              | 6.8  | 8.1  | 9.7  | 9.1 | 10.2         | 99.5   | 64.0        | 1.4               | 0.3           | 3.2        | W          |                   |
| 04   | 14    | 5.6             | 13.1       | 1.2        | 7.5              | 7.0  | 7.2  | 9.0  | 9.2 | 10.2         | 65.1   | 0.0         | 22.8              | 1.4           | 9.8        | WNW        |                   |
| 04   | 15    | 10.2            | 20.6       | 1.5        | 9.4              | 8.8  | 8.4  | 8.8  | 9.2 | 10.2         | 53.5   | 0.0         | 20.3              | 0.7           | 6.6        | WSW        |                   |
| 04   | 16    | 8.8             | 17.7       | 4.1        | 10.2             | 9.8  | 9.4  | 9.1  | 9.1 | 10.2         | 71.6   | 0.5         | 12.8              | 0.9           | 5.2        | ESE        |                   |
| 04   | 17    | 6.0             | 8.7        | 2.9        | 9.8              | 9.7  | 9.7  | 9.4  | 9.1 | 10.2         | 92.2   | 1.0         | 6.1               | 0.3           | 3.4        | SE         |                   |
| 04   | 18    | 6.7             | 11.7       | 4.2        | 8.7              | 9.0  | 9.3  | 9.5  | 9.0 | 10.2         | 95.6   | 44.0        | 4.0               | 0.3           | 5.2        | NNW        |                   |
| 04   | 19    | 11.8            | 20.8       | 4.1        | 10.9             | 9.9  | 9.4  | 9.5  | 9.1 | 10.2         | 68.4   | 0.0         | 22.0              | 0.9           | 6.7        | ESE        |                   |
| 04   | 20    | 5.7             | 8.2        | 4.5        | 10.2             | 10.4 | 10.3 | 9.7  | 9.1 | 10.1         | 97.9   | 15.5        | 4.0               | 0.4           | 4.3        | ESE        |                   |
| 04   | 21    | 10.9            | 17.1       | 5.5        | 10.9             | 10.4 | 10.1 | 9.9  | 9.2 | 10.2         | 87.4   | 0.0         | 12.4              | 0.5           | 4.8        | SE         |                   |
| 04   | 22    | 8.4             | 16.1       | 1.5        | 11.4             | 11.2 | 10.8 | 10.1 | 9.2 | 10.2         | 75.8   | 0.0         | 10.3              | 0.7           | 5.2        | ESE        |                   |
| 04   | 23    | 5.8             | 14.0       | -0.1       | 10.2             | 10.4 | 10.5 | 10.3 | 9.3 | 10.2         | 71.3   | 0.0         | 13.8              | 0.7           | 5.5        | ESE        |                   |
| 04   | 24    | 6.2             | 14.2       | -0.4       | 9.8              | 9.9  | 10.1 | 10.3 | 9.4 | 10.2         | 74.4   | 0.0         | 14.2              | 0.8           | 7.5        | SE         |                   |
| 04   | 25    | 8.5             | 18.4       | -1.1       | 11.0             | 10.5 | 10.3 | 10.2 | 9.5 | 10.2         | 66.9   | 0.0         | 23.4              | 0.7           | 6.0        | SE         |                   |
| 04   | 26    | 13.3            | 23.0       | 3.8        | 12.2             | 11.6 | 11.0 | 10.4 | 9.5 | 10.2         | 49.6   | 0.0         | 22.3              | 1.2           | 8.3        | WNW        |                   |
| 04   | 27    | 7.8             | 11.2       | 4.3        | 11.3             | 11.5 | 11.4 | 10.6 | 9.6 | 10.3         | 86.5   | 5.5         | 5.1               | 0.4           | 3.7        | SSE        |                   |
| 04   | 28    | 7.5             | 12.7       | 2.8        | 10.8             | 10.7 | 10.8 | 10.8 | 9.6 | 10.3         | 87.7   | 2.0         | 9.1               | 0.5           | 4.1        | ESE        |                   |
| 04   | 29    | 11.2            | 20.6       | 2.9        | 12.5             | 11.7 | 11.2 | 10.8 | 9.7 | 10.3         | 76.2   | 0.0         | 21.1              | 0.6           | 6.3        | SE         |                   |
| 04   | 30    | 14.0            | 22.0       | 6.5        | 13.8             | 13.0 | 12.2 | 11.0 | 9.8 | 10.3         | 68.5   | 0.0         | 22.0              | 0.7           | 5.8        | SSE        |                   |
| 計    | Total |                 |            |            |                  |      |      |      |     |              |        | 150.0       |                   |               |            |            |                   |
| 平均   | Mean  | 7.8             | 14.8       | 2.0        | 10.0             | 9.7  | 9.6  | 9.6  | 9.2 | 10.2         | 74.0   | 5.0         | 14.1              | 0.7           | 5.9        |            |                   |
| 最高   | Max.  | 14.0            | 23.0       | 6.5        | 13.8             | 13.0 | 12.2 | 11.0 | 9.8 | 10.3         | 99.5   | 64.0        | 23.4              | 1.9           | 9.8        |            |                   |
| 最低   | Min.  | 1.7             | 3.0        | -1.7       | 5.7              | 6.4  | 6.8  | 8.4  | 8.8 | 10.1         | 49.6   | 0.0         | 1.4               | 0.1           | 3.1        |            | 0.0               |



2020年 05月  
May 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 05   | 1     | 15.9            | 25.9       | 7.9        | 14.9             | 14.0 | 13.0 | 11.4 | 9.8  | 10.3         | 65.5   | 0.0         | 22.0              | 0.7           | 6.2        | SSE        | 0.0               |
| 05   | 2     | 19.8            | 30.3       | 10.1       | 16.1             | 15.0 | 13.8 | 11.8 | 9.9  | 10.3         | 56.5   | 0.0         | 22.8              | 0.7           | 5.9        | ESE        | 0.0               |
| 05   | 3     | 19.3            | 27.6       | 13.9       | 16.5             | 15.7 | 14.6 | 12.3 | 10.1 | 10.3         | 61.3   | 0.0         | 13.9              | 0.6           | 5.7        | S          | 0.0               |
| 05   | 4     | 14.5            | 17.8       | 11.8       | 15.7             | 15.3 | 14.7 | 12.8 | 10.2 | 10.4         | 90.7   | 3.5         | 6.5               | 0.2           | 3.3        | ESE        | 0.0               |
| 05   | 5     | 16.3            | 25.3       | 10.5       | 16.2             | 15.5 | 14.7 | 13.0 | 10.4 | 10.4         | 84.5   | 1.5         | 12.9              | 0.5           | 5.4        | ESE        | 0.0               |
| 05   | 6     | 10.7            | 13.6       | 8.4        | 14.8             | 15.0 | 14.8 | 13.3 | 10.5 | 10.4         | 95.0   | 15.5        | 4.4               | 0.3           | 3.9        | ESE        | 0.0               |
| 05   | 7     | 10.9            | 19.4       | 4.6        | 14.8             | 14.5 | 14.2 | 13.4 | 10.7 | 10.4         | 65.4   | 0.5         | 24.4              | 0.7           | 8.2        | SW         | 0.0               |
| 05   | 8     | 11.9            | 21.7       | 2.6        | 14.7             | 14.4 | 14.2 | 13.4 | 10.9 | 10.5         | 50.9   | 0.0         | 23.6              | 0.7           | 6.7        | SE         | 0.0               |
| 05   | 9     | 11.0            | 16.9       | 6.7        | 13.7             | 14.0 | 14.1 | 13.4 | 11.1 | 10.5         | 76.4   | 0.5         | 7.7               | 0.3           | 3.7        | SE         | 0.0               |
| 05   | 10    | 17.6            | 25.5       | 9.7        | 15.6             | 14.7 | 14.1 | 13.4 | 11.2 | 10.6         | 79.5   | 0.0         | 14.5              | 1.8           | 10.7       | W          | 0.0               |
| 05   | 11    | 20.9            | 29.6       | 13.1       | 18.3             | 17.0 | 15.6 | 13.6 | 11.3 | 10.6         | 63.3   | 0.5         | 24.8              | 0.7           | 5.7        | SE         | 0.0               |
| 05   | 12    | 14.9            | 20.6       | 10.0       | 16.2             | 16.2 | 15.8 | 14.1 | 11.4 | 10.7         | 74.9   | 0.0         | 8.6               | 0.4           | 4.8        | ESE        | 0.0               |
| 05   | 13    | 16.2            | 26.7       | 9.2        | 16.8             | 16.2 | 15.6 | 14.3 | 11.6 | 10.7         | 62.4   | 0.0         | 23.6              | 0.9           | 6.7        | ESE        | 0.0               |
| 05   | 14    | 16.2            | 26.7       | 6.8        | 16.5             | 16.2 | 15.8 | 14.4 | 11.8 | 10.8         | 42.8   | 0.0         | 24.1              | 0.8           | 9.3        | ENE        | 0.0               |
| 05   | 15    | 17.5            | 26.2       | 10.2       | 16.7             | 16.2 | 15.8 | 14.6 | 12.0 | 10.9         | 53.2   | 0.0         | 17.2              | 0.6           | 5.0        | ENE        | 0.0               |
| 05   | 16    | 14.4            | 16.8       | 12.3       | 16.0             | 16.1 | 15.9 | 14.7 | 12.1 | 11.0         | 77.9   | 2.0         | 4.6               | 0.6           | 6.4        | E          | 0.0               |
| 05   | 17    | 18.8            | 27.5       | 11.6       | 17.9             | 16.8 | 16.0 | 14.7 | 12.2 | 11.0         | 75.9   | 0.0         | 22.4              | 0.5           | 5.5        | ESE        | 0.0               |
| 05   | 18    | 15.1            | 16.9       | 13.7       | 16.8             | 16.8 | 16.5 | 15.0 | 12.4 | 11.1         | 92.6   | 1.0         | 2.5               | 0.1           | 2.8        | E          | 0.0               |
| 05   | 19    | 13.9            | 17.2       | 11.5       | 16.0             | 15.9 | 15.8 | 15.1 | 12.4 | 11.1         | 96.7   | 43.5        | 6.2               | 0.3           | 4.1        | E          | 0.0               |
| 05   | 20    | 9.4             | 11.7       | 7.0        | 14.9             | 15.3 | 15.5 | 15.2 | 12.5 | 11.2         | 98.5   | 4.5         | 3.1               | 0.1           | 3.3        | ESE        | 0.0               |
| 05   | 21    | 8.2             | 9.8        | 6.5        | 13.9             | 14.3 | 14.8 | 15.0 | 12.8 | 11.3         | 98.1   | 0.5         | 4.9               | 0.2           | 3.2        | ESE        | 0.0               |
| 05   | 22    | 10.2            | 11.8       | 7.8        | 13.9             | 14.1 | 14.4 | 14.8 | 12.9 | 11.3         | 96.1   | 1.0         | 4.8               | 0.1           | 3.4        | ESE        | 0.0               |
| 05   | 23    | 13.3            | 17.1       | 8.0        | 14.5             | 14.3 | 14.4 | 14.6 | 12.9 | 11.5         | 93.2   | 0.0         | 8.9               | 0.1           | 2.9        | E          | 0.0               |
| 05   | 24    | 15.9            | 21.7       | 12.2       | 16.1             | 15.5 | 15.0 | 14.6 | 12.9 | 11.5         | 88.0   | 0.0         | 11.9              | 0.3           | 4.5        | ESE        | 0.0               |
| 05   | 25    | 17.0            | 23.5       | 10.8       | 17.1             | 16.4 | 15.7 | 14.7 | 12.9 | 11.6         | 83.0   | 0.0         | 15.9              | 0.3           | 4.3        | SSE        | 0.0               |
| 05   | 26    | 16.3            | 20.3       | 13.5       | 17.0             | 16.7 | 16.3 | 15.0 | 13.0 | 11.7         | 90.5   | 1.5         | 6.5               | 0.2           | 3.2        | ESE        | 0.0               |
| 05   | 27    | 16.4            | 23.0       | 12.9       | 17.4             | 16.9 | 16.4 | 15.3 | 13.1 | 11.8         | 87.3   | 1.0         | 13.7              | 0.3           | 5.7        | ESE        | 0.0               |
| 05   | 28    | 14.5            | 21.8       | 10.5       | 17.3             | 17.0 | 16.6 | 15.4 | 13.1 | 11.9         | 83.9   | 4.0         | 15.1              | 0.5           | 4.8        | SSE        | 0.0               |
| 05   | 29    | 15.2            | 22.7       | 8.4        | 17.3             | 16.9 | 16.6 | 15.6 | 13.3 | 11.9         | 73.6   | 0.0         | 18.8              | 0.6           | 6.1        | WSW        | 0.0               |
| 05   | 30    | 15.0            | 23.8       | 9.6        | 17.1             | 16.9 | 16.6 | 15.7 | 13.4 | 12.0         | 77.8   | 0.5         | 15.1              | 0.7           | 7.6        | WSW        | 0.0               |
| 05   | 31    | 14.4            | 18.4       | 10.5       | 16.3             | 16.3 | 16.3 | 15.8 | 13.5 | 12.1         | 84.9   | 0.0         | 7.9               | 0.3           | 3.7        | SE         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 81.5        |                   |               |            |            |                   |
| 平均   | Mean  | 14.9            | 21.2       | 9.8        | 16.0             | 15.7 | 15.3 | 14.2 | 11.9 | 11.0         | 78.1   | 2.6         | 13.3              | 0.5           | 5.2        |            |                   |
| 最高   | Max.  | 20.9            | 30.3       | 13.9       | 18.3             | 17.0 | 16.6 | 15.8 | 13.5 | 12.1         | 98.5   | 43.5        | 24.8              | 1.8           | 10.7       |            | 0.0               |
| 最低   | Min.  | 8.2             | 9.8        | 2.6        | 13.7             | 14.0 | 13.0 | 11.4 | 9.8  | 10.3         | 42.8   | 0.0         | 2.5               | 0.1           | 2.8        |            | 0.0               |

2020年 06月  
June 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 06   | 1     | 14.5            | 17.5       | 11.7       | 16.2             | 16.2 | 16.2 | 15.7 | 13.6 | 12.2         | 89.9   | 0.0         | 5.0               | 0.2           | 4.0        | SE         | 0.0               |
| 06   | 2     | 19.2            | 26.7       | 13.0       | 18.4             | 17.4 | 16.6 | 15.7 | 13.7 | 12.2         | 81.1   | 0.0         | 19.6              | 0.5           | 5.1        | SE         | 0.0               |
| 06   | 3     | 20.0            | 26.0       | 15.4       | 19.5             | 18.7 | 17.8 | 16.0 | 13.7 | 12.3         | 77.5   | 0.0         | 15.4              | 0.3           | 4.5        | ESE        | 0.0               |
| 06   | 4     | 19.6            | 25.4       | 13.9       | 19.4             | 18.8 | 18.1 | 16.4 | 13.8 | 12.4         | 80.3   | 0.0         | 16.3              | 0.5           | 4.2        | SE         | 0.0               |
| 06   | 5     | 21.3            | 28.5       | 14.1       | 20.2             | 19.4 | 18.5 | 16.7 | 13.9 | 12.4         | 72.7   | 0.0         | 21.3              | 0.4           | 5.2        | SSE        | 0.0               |
| 06   | 6     | 18.8            | 24.3       | 15.2       | 19.6             | 19.3 | 18.8 | 17.0 | 14.1 | 12.5         | 84.2   | 18.0        | 9.3               | 0.5           | 4.6        | ESE        | 0.0               |
| 06   | 7     | 17.5            | 23.8       | 14.4       | 19.6             | 19.0 | 18.6 | 17.2 | 14.1 | 12.5         | 87.9   | 2.0         | 13.3              | 0.3           | 5.5        | E          | 0.0               |
| 06   | 8     | 19.3            | 26.8       | 13.5       | 20.4             | 19.7 | 18.9 | 17.3 | 14.3 | 12.6         | 79.6   | 0.5         | 21.7              | 0.4           | 4.9        | SSE        | 0.0               |
| 06   | 9     | 21.6            | 29.8       | 14.2       | 20.8             | 20.1 | 19.3 | 17.6 | 14.4 | 12.7         | 74.8   | 0.0         | 21.2              | 0.4           | 4.1        | SSW        | 0.0               |
| 06   | 10    | 23.2            | 30.8       | 16.5       | 21.7             | 20.8 | 19.8 | 17.8 | 14.6 | 12.7         | 67.3   | 0.0         | 23.0              | 1.3           | 8.1        | W          | 0.0               |
| 06   | 11    | 22.1            | 31.1       | 18.5       | 21.8             | 21.2 | 20.4 | 18.1 | 14.7 | 12.8         | 81.1   | 10.5        | 12.0              | 0.5           | 9.1        | SW         | 0.0               |
| 06   | 12    | 20.8            | 26.6       | 17.0       | 21.6             | 21.0 | 20.4 | 18.4 | 14.9 | 12.8         | 92.8   | 4.0         | 10.2              | 0.1           | 3.2        | ESE        | 0.0               |
| 06   | 13    | 17.8            | 20.0       | 15.8       | 20.1             | 20.3 | 20.2 | 18.8 | 15.0 | 12.8         | 97.9   | 49.5        | 1.8               | 0.1           | 4.2        | E          | 0.0               |
| 06   | 14    | 17.6            | 19.3       | 15.6       | 19.5             | 19.5 | 19.6 | 19.0 | 15.4 | 13.0         | 97.3   | 4.5         | 4.1               | 0.0           | 2.3        | WSW        | 0.0               |
| 06   | 15    | 21.5            | 29.2       | 16.7       | 21.4             | 20.5 | 19.9 | 18.9 | 15.6 | 13.1         | 85.6   | 0.0         | 18.7              | 0.3           | 4.9        | ESE        | 0.0               |
| 06   | 16    | 20.8            | 28.6       | 14.9       | 21.7             | 21.2 | 20.6 | 19.0 | 15.8 | 13.2         | 73.9   | 0.0         | 18.7              | 0.2           | 4.6        | SSW        | 0.0               |
| 06   | 17    | 19.9            | 27.0       | 12.5       | 21.3             | 20.9 | 20.5 | 19.2 | 15.9 | 13.4         | 73.9   | 0.0         | 23.1              | 0.4           | 6.1        | SE         | 0.0               |
| 06   | 18    | 17.1            | 20.4       | 13.6       | 20.4             | 20.5 | 20.4 | 19.3 | 16.1 | 13.5         | 87.4   | 5.5         | 5.7               | 0.3           | 3.5        | ESE        | 0.0               |
| 06   | 19    | 14.5            | 16.3       | 13.3       | 18.5             | 18.9 | 19.4 | 19.3 | 16.1 | 13.5         | 97.0   | 18.5        | 3.5               | 0.0           | 1.6        | ESE        | 0.0               |
| 06   | 20    | 18.2            | 25.4       | 12.4       | 19.7             | 19.3 | 19.1 | 19.0 | 16.3 | 13.6         | 83.7   | 0.0         | 17.7              | 0.3           | 5.2        | ESE        | 0.0               |
| 06   | 21    | 15.3            | 18.2       | 13.9       | 19.0             | 19.2 | 19.4 | 19.0 | 16.4 | 13.7         | 94.6   | 0.0         | 4.3               | 0.2           | 4.1        | ESE        | 0.0               |
| 06   | 22    | 14.3            | 14.9       | 13.4       | 17.8             | 18.2 | 18.7 | 18.9 | 16.4 | 13.8         | 98.0   | 33.0        | 1.7               | 0.0           | 2.5        | E          | 0.0               |
| 06   | 23    | 17.9            | 23.5       | 13.9       | 18.4             | 18.1 | 18.3 | 18.7 | 16.6 | 13.9         | 93.8   | 8.5         | 10.3              | 0.1           | 3.4        | E          | 0.0               |
| 06   | 24    | 18.5            | 22.5       | 17.0       | 19.6             | 19.2 | 19.0 | 18.6 | 16.6 | 14.1         | 95.4   | 0.5         | 7.0               | 0.3           | 4.1        | ESE        | 0.0               |
| 06   | 25    | 17.8            | 20.4       | 15.8       | 19.6             | 19.4 | 19.3 | 18.7 | 16.7 | 14.2         | 95.9   | 3.5         | 6.3               | 0.1           | 3.1        | ESE        | 0.0               |
| 06   | 26    | 20.3            | 24.0       | 17.0       | 20.3             | 19.9 | 19.5 | 18.8 | 16.7 | 14.4         | 93.2   | 0.5         | 9.6               | 0.1           | 3.4        | ESE        | 0.0               |
| 06   | 27    | 20.9            | 27.1       | 16.1       | 21.0             | 20.4 | 20.0 | 19.0 | 16.7 | 14.5         | 86.6   | 0.0         | 14.7              | 0.4           | 5.1        | ESE        | 0.0               |
| 06   | 28    | 18.6            | 24.7       | 15.3       | 20.2             | 20.1 | 20.1 | 19.3 | 16.7 | 14.5         | 93.5   | 31.0        | 9.1               | 0.1           | 3.1        | W          | 0.0               |
| 06   | 29    | 19.2            | 26.6       | 12.6       | 20.7             | 20.3 | 20.0 | 19.4 | 16.9 | 14.7         | 83.6   | 0.5         | 18.7              | 0.2           | 4.8        | ESE        | 0.0               |
| 06   | 30    | 18.2            | 20.2       | 16.9       | 20.3             | 20.3 | 20.2 | 19.5 | 17.0 | 14.7         | 95.0   | 25.5        | 5.3               | 0.3           | 8.2        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 216.0       |                   |               |            |            |                   |
| 平均   | Mean  | 18.9            | 24.2       | 14.8       | 19.9             | 19.6 | 19.2 | 18.2 | 15.4 | 13.3         | 86.5   | 7.2         | 12.3              | 0.3           | 4.5        |            |                   |
| 最高   | Max.  | 23.2            | 31.1       | 18.5       | 21.8             | 21.2 | 20.6 | 19.5 | 17.0 | 14.7         | 98.0   | 49.5        | 23.1              | 1.3           | 9.1        |            | 0.0               |
| 最低   | Min.  | 14.3            | 14.9       | 11.7       | 16.2             | 16.2 | 16.2 | 15.7 | 13.6 | 12.2         | 67.3   | 0.0         | 1.7               | 0.0           | 1.6        |            | 0.0               |

2020年 07月  
July 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 07   | 1     | 20.0            | 24.1       | 17.6       | 20.5             | 20.2 | 20.2 | 19.7 | 17.1 | 14.9         | 91.3   | 20.0        | 8.4               | 0.6           | 7.8        | NW         | 0.0               |
| 07   | 2     | 21.9            | 30.2       | 15.4       | 21.8             | 21.1 | 20.6 | 19.7 | 17.3 | 15.0         | 81.2   | 0.0         | 21.1              | 0.5           | 6.5        | SW         | 0.0               |
| 07   | 3     | 19.5            | 22.7       | 16.4       | 21.3             | 21.2 | 21.0 | 19.9 | 17.4 | 15.1         | 89.0   | 8.0         | 6.2               | 0.2           | 4.1        | ESE        | 0.0               |
| 07   | 4     | 17.3            | 19.2       | 15.7       | 19.7             | 19.9 | 20.3 | 20.1 | 17.5 | 15.2         | 97.8   | 39.5        | 5.2               | 0.1           | 4.7        | E          | 0.0               |
| 07   | 5     | 19.4            | 22.6       | 16.7       | 20.3             | 20.2 | 20.2 | 20.1 | 17.7 | 15.4         | 95.3   | 0.5         | 7.0               | 0.1           | 3.4        | ESE        | 0.0               |
| 07   | 6     | 19.5            | 22.7       | 17.6       | 20.5             | 20.4 | 20.4 | 20.0 | 17.8 | 15.4         | 93.9   | 10.0        | 4.6               | 0.7           | 10.3       | NW         | 0.0               |
| 07   | 7     | 21.7            | 25.6       | 19.2       | 20.8             | 20.6 | 20.5 | 20.1 | 17.8 | 15.5         | 88.6   | 0.0         | 5.8               | 0.7           | 9.7        | NNW        | 0.0               |
| 07   | 8     | 20.3            | 24.4       | 18.6       | 20.8             | 20.6 | 20.6 | 20.2 | 17.9 | 15.6         | 93.9   | 33.0        | 7.7               | 0.2           | 7.3        | E          | 0.0               |
| 07   | 9     | 19.7            | 22.1       | 18.0       | 20.8             | 20.7 | 20.7 | 20.3 | 18.0 | 15.7         | 95.8   | 11.5        | 6.2               | 0.1           | 4.4        | NE         | 0.0               |
| 07   | 10    | 19.6            | 22.1       | 17.4       | 20.8             | 20.7 | 20.7 | 20.3 | 18.1 | 15.9         | 96.2   | 1.0         | 5.7               | 0.1           | 5.4        | E          | 0.0               |
| 07   | 11    | 20.4            | 23.0       | 18.6       | 20.9             | 20.8 | 20.8 | 20.4 | 18.1 | 15.9         | 95.6   | 1.5         | 4.4               | 0.2           | 4.9        | N          | 0.0               |
| 07   | 12    | 21.3            | 28.4       | 17.4       | 21.6             | 21.2 | 20.9 | 20.4 | 18.2 | 16.0         | 84.6   | 0.0         | 14.8              | 0.3           | 5.4        | E          | 0.0               |
| 07   | 13    | 18.0            | 21.3       | 16.6       | 20.9             | 21.0 | 21.0 | 20.5 | 18.2 | 16.1         | 91.2   | 2.5         | 6.3               | 0.1           | 3.7        | ESE        | 0.0               |
| 07   | 14    | 17.2            | 18.6       | 16.0       | 20.3             | 20.5 | 20.7 | 20.5 | 18.3 | 16.1         | 97.6   | 3.5         | 2.7               | 0.0           | 3.5        | E          | 0.0               |
| 07   | 15    | 17.3            | 18.8       | 14.9       | 20.2             | 20.3 | 20.5 | 20.4 | 18.3 | 16.1         | 97.6   | 31.0        | 3.9               | 0.1           | 3.1        | ESE        | 0.0               |
| 07   | 16    | 17.5            | 23.2       | 14.4       | 20.2             | 20.1 | 20.3 | 20.4 | 18.4 | 16.2         | 94.7   | 7.5         | 10.6              | 0.2           | 4.7        | ESE        | 0.0               |
| 07   | 17    | 16.5            | 17.8       | 15.5       | 20.0             | 20.1 | 20.4 | 20.4 | 18.4 | 16.3         | 98.6   | 10.5        | 3.6               |               |            |            | 0.0               |
| 07   | 18    | 17.2            | 18.9       | 15.8       | 20.0             | 20.0 | 20.3 | 20.3 | 18.5 | 16.4         | 97.9   | 1.0         | 3.8               | 0.0           | 1.6        | W          | 0.0               |
| 07   | 19    | 21.7            | 29.4       | 16.4       | 21.9             | 21.2 | 20.7 | 20.3 | 18.5 | 16.5         | 87.1   | 0.0         | 18.2              | 0.3           | 5.5        | ESE        | 0.0               |
| 07   | 20    | 21.5            | 28.1       | 17.4       | 22.6             | 22.2 | 21.7 | 20.5 | 18.5 | 16.5         | 90.5   | 19.5        | 10.9              | 0.2           | 4.9        | WSW        | 0.0               |
| 07   | 21    | 22.0            | 27.7       | 18.6       | 23.1             | 22.7 | 22.1 | 20.9 | 18.5 | 16.6         | 93.1   | 12.0        | 13.0              | 0.2           | 3.8        | SE         | 0.0               |
| 07   | 22    | 22.9            | 28.5       | 19.2       | 24.0             | 23.5 | 22.8 | 21.3 | 18.6 | 16.6         | 89.6   | 1.0         | 13.2              | 0.3           | 4.2        | E          | 0.0               |
| 07   | 23    | 19.2            | 21.0       | 18.1       | 22.8             | 23.0 | 22.9 | 21.6 | 18.7 | 16.7         | 96.8   | 15.5        | 2.9               | 0.0           | 2.2        | ESE        | 0.0               |
| 07   | 24    | 19.3            | 21.8       | 16.7       | 22.0             | 22.1 | 22.3 | 21.7 | 18.9 | 16.8         | 96.1   | 3.0         | 5.1               |               |            |            | 0.0               |
| 07   | 25    | 19.7            | 22.1       | 18.3       | 21.6             | 21.6 | 21.9 | 21.7 | 19.1 | 16.8         | 97.6   | 31.5        | 4.4               | 0.0           | 2.3        | ESE        | 0.0               |
| 07   | 26    | 20.4            | 25.4       | 18.6       | 22.2             | 22.1 | 22.1 | 21.7 | 19.2 | 16.9         | 96.6   | 30.5        | 7.0               | 0.1           | 3.8        | E          | 0.0               |
| 07   | 27    | 19.7            | 22.3       | 17.6       | 21.9             | 22.0 | 22.1 | 21.8 | 19.4 | 17.1         | 97.2   | 5.5         | 4.5               | 0.0           | 2.0        | WSW        | 0.0               |
| 07   | 28    | 20.2            | 22.3       | 18.2       | 22.0             | 22.0 | 22.1 | 21.8 | 19.5 | 17.2         | 97.3   | 0.5         | 4.9               | 0.0           | 2.8        | W          | 0.0               |
| 07   | 29    | 19.4            | 22.1       | 17.9       | 22.0             | 22.0 | 22.1 | 21.8 | 19.5 | 17.3         | 97.2   | 0.5         | 5.0               | 0.1           | 3.1        | E          | 0.0               |
| 07   | 30    | 19.1            | 23.1       | 16.7       | 22.0             | 21.9 | 22.0 | 21.7 | 19.6 | 17.3         | 95.5   | 0.5         | 7.2               | 0.1           | 3.1        | ESE        | 0.0               |
| 07   | 31    | 21.2            | 27.5       | 18.0       | 22.9             | 22.5 | 22.3 | 21.8 | 19.6 | 17.3         | 92.1   | 8.5         | 12.2              | 0.2           | 5.5        | E          | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 309.5       |                   |               |            |            |                   |
| 平均   | Mean  | 19.7            | 23.5       | 17.2       | 21.4             | 21.2 | 21.2 | 20.7 | 18.4 | 16.2         | 93.8   | 10.0        | 7.6               | 0.2           | 4.6        |            |                   |
| 最高   | Max.  | 22.9            | 30.2       | 19.2       | 24.0             | 23.5 | 22.9 | 21.8 | 19.6 | 17.3         | 98.6   | 39.5        | 21.1              |               |            |            | 0.0               |
| 最低   | Min.  | 16.5            | 17.8       | 14.4       | 19.7             | 19.9 | 20.2 | 19.7 | 17.1 | 14.9         | 81.2   | 0.0         | 2.7               | 0.0           |            |            | 0.0               |

2020年 08月  
Aug. 2020

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 08   | 1     | 21.3            | 26.9       | 18.3       | 23.2             | 23.0 | 22.7 | 21.9 | 19.6 | 17.4         | 89.4   | 0.0         | 12.0              | 0.1           | 4.1        | ESE        | 0.0               |
| 08   | 2     | 21.8            | 27.3       | 18.4       | 23.4             | 23.2 | 22.9 | 22.0 | 19.6 | 17.4         | 87.4   | 0.0         | 14.9              | 0.2           | 4.8        | SE         | 0.0               |
| 08   | 3     | 23.1            | 30.3       | 18.7       | 24.3             | 23.8 | 23.3 | 22.2 | 19.7 | 17.5         | 84.9   | 0.5         | 18.0              | 0.3           | 4.3        | SE         | 0.0               |
| 08   | 4     | 23.4            | 30.5       | 18.0       | 24.5             | 24.2 | 23.7 | 22.4 | 19.7 | 17.5         | 85.3   | 0.0         | 16.8              | 0.2           | 3.7        | SE         | 0.0               |
| 08   | 5     | 24.7            | 32.3       | 18.9       | 25.0             | 24.6 | 24.0 | 22.6 | 19.8 | 17.6         | 80.5   | 0.0         | 19.8              | 0.3           | 5.4        | S          | 0.0               |
| 08   | 6     | 24.6            | 31.2       | 19.4       | 25.4             | 25.0 | 24.4 | 22.9 | 19.9 | 17.7         | 82.3   | 0.0         | 20.0              | 0.4           | 4.9        | SSE        | 0.0               |
| 08   | 7     | 24.4            | 31.1       | 17.8       | 25.1             | 24.9 | 24.5 | 23.1 | 20.1 | 17.7         | 80.5   | 0.0         | 17.0              | 0.3           | 4.6        | W          | 0.0               |
| 08   | 8     | 23.4            | 28.2       | 20.2       | 24.9             | 24.7 | 24.5 | 23.2 | 20.2 | 17.7         | 87.6   | 0.0         | 9.8               | 0.4           | 4.8        | ESE        | 0.0               |
| 08   | 9     | 25.2            | 32.5       | 19.5       | 25.4             | 25.0 | 24.5 | 23.3 | 20.3 | 17.8         | 80.3   | 0.0         | 18.9              | 0.2           | 6.3        | ESE        | 0.0               |
| 08   | 10    | 24.5            | 33.1       | 19.6       | 25.4             | 25.1 | 24.7 | 23.4 | 20.4 | 17.8         | 81.7   | 1.0         | 16.5              | 0.2           | 5.2        | SSE        | 0.0               |
| 08   | 11    | 26.6            | 35.1       | 19.7       | 25.9             | 25.4 | 24.9 | 23.5 | 20.5 | 17.9         | 75.1   | 0.0         | 21.0              | 0.2           | 4.3        | WSW        | 0.0               |
| 08   | 12    | 24.6            | 31.6       | 20.8       | 25.3             | 25.2 | 24.9 | 23.7 | 20.5 | 17.9         | 85.3   | 21.0        | 11.8              | 0.3           | 4.9        | SE         | 0.0               |
| 08   | 13    | 23.8            | 29.9       | 19.7       | 25.1             | 24.8 | 24.6 | 23.7 | 20.5 | 17.8         | 89.9   | 2.0         | 13.3              | 0.0           | 2.7        | ESE        | 0.0               |
| 08   | 14    | 24.5            | 31.7       | 18.7       | 25.5             | 25.1 | 24.8 | 23.8 | 20.7 | 17.9         | 83.6   | 0.0         | 18.5              | 0.2           | 4.8        | SE         | 0.0               |
| 08   | 15    | 26.2            | 34.7       | 19.5       | 25.9             | 25.5 | 25.1 | 23.9 | 20.8 | 18.0         | 79.7   | 0.0         | 18.8              | 0.2           | 4.6        | SSW        | 0.0               |
| 08   | 16    | 26.3            | 33.0       | 21.9       | 26.0             | 25.8 | 25.4 | 24.1 | 20.9 | 18.1         | 80.4   | 0.0         | 14.2              | 0.2           | 4.1        | SSE        | 0.0               |
| 08   | 17    | 26.2            | 33.4       | 21.1       | 26.3             | 25.9 | 25.5 | 24.2 | 21.1 | 18.2         | 79.2   | 0.0         | 18.9              | 0.3           | 4.6        | S          | 0.0               |
| 08   | 18    | 25.2            | 32.1       | 20.4       | 26.0             | 25.9 | 25.5 | 24.3 | 21.2 | 18.2         | 74.8   | 0.0         | 19.5              | 0.5           | 4.9        | S          | 0.0               |
| 08   | 19    | 25.2            | 33.1       | 19.2       | 25.6             | 25.6 | 25.4 | 24.4 | 21.3 | 18.3         | 71.8   | 0.0         | 21.0              | 0.4           | 4.9        | S          | 0.0               |
| 08   | 20    | 26.0            | 34.3       | 19.6       | 25.7             | 25.6 | 25.3 | 24.4 | 21.5 | 18.4         | 75.6   | 0.0         | 19.7              | 0.4           | 5.1        | SSW        | 0.0               |
| 08   | 21    | 25.8            | 33.9       | 20.4       | 25.9             | 25.8 | 25.5 | 24.4 | 21.6 | 18.5         | 76.7   | 0.0         | 17.6              | 0.5           | 5.5        | SW         | 0.0               |
| 08   | 22    | 22.7            | 31.6       | 17.9       | 25.2             | 25.4 | 25.3 | 24.5 | 21.6 | 18.5         | 86.2   | 19.5        | 12.6              | 0.5           | 6.9        | SSW        | 0.0               |
| 08   | 23    | 21.4            | 27.9       | 17.4       | 24.4             | 24.5 | 24.6 | 24.4 | 21.7 | 18.6         | 88.8   | 0.0         | 13.7              | 0.2           | 4.6        | SE         | 0.0               |
| 08   | 24    | 22.5            | 30.0       | 17.0       | 24.4             | 24.5 | 24.5 | 24.3 | 21.7 | 18.6         | 81.8   | 0.0         | 16.5              | 0.3           | 5.3        | SE         | 0.0               |
| 08   | 25    | 22.9            | 29.7       | 17.6       | 24.5             | 24.5 | 24.5 | 24.2 | 21.8 | 18.7         | 83.2   | 0.0         | 14.5              | 0.2           | 4.6        | SE         | 0.0               |
| 08   | 26    | 23.5            | 31.6       | 17.4       | 24.5             | 24.5 | 24.5 | 24.1 | 21.9 | 18.8         | 80.7   | 0.0         | 16.2              | 0.3           | 5.2        | SSE        | 0.0               |
| 08   | 27    | 24.5            | 30.5       | 20.6       | 24.9             | 24.8 | 24.6 | 24.1 | 21.9 | 18.9         | 82.6   | 0.0         | 12.5              | 0.3           | 4.0        | SE         | 0.0               |
| 08   | 28    | 23.7            | 29.0       | 19.7       | 24.5             | 24.6 | 24.6 | 24.1 | 21.9 | 18.9         | 85.4   | 0.0         | 9.7               | 0.3           | 2.8        | WSW        | 0.0               |
| 08   | 29    | 26.2            | 33.9       | 19.9       | 25.2             | 24.9 | 24.6 | 24.1 | 22.0 | 19.0         | 76.2   | 0.0         | 20.0              | 0.4           | 4.0        | SW         | 0.0               |
| 08   | 30    | 25.0            | 33.2       | 20.6       | 25.4             | 25.3 | 25.0 | 24.2 | 22.0 | 19.1         | 81.4   | 5.5         | 15.4              | 0.4           | 6.1        | SSW        | 0.0               |
| 08   | 31    | 23.3            | 29.2       | 19.1       | 25.2             | 25.1 | 25.0 | 24.3 | 22.0 | 19.1         | 89.4   | 12.0        | 11.4              | 0.4           | 4.5        | ESE        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 61.5        |                   |               |            |            |                   |
| 平均   | Mean  | 24.3            | 31.4       | 19.2       | 25.1             | 24.9 | 24.6 | 23.7 | 20.9 | 18.2         | 82.2   | 2.0         | 16.1              | 0.3           | 4.7        |            |                   |
| 最高   | Max.  | 26.6            | 35.1       | 21.9       | 26.3             | 25.9 | 25.5 | 24.5 | 22.0 | 19.1         | 89.9   | 21.0        | 21.0              | 0.5           | 6.9        |            | 0.0               |
| 最低   | Min.  | 21.3            | 26.9       | 17.0       | 23.2             | 23.0 | 22.7 | 21.9 | 19.6 | 17.4         | 71.8   | 0.0         | 9.7               | 0.0           | 2.7        |            | 0.0               |

2020年 09月  
Sep. 2020

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 09   | 1     | 19.8            | 22.7       | 18.0       | 24.0             | 24.4 | 24.6 | 24.3 | 22.0 | 19.1         | 96.0   | 2.0         | 4.9               | 0.2           | 2.9        | ESE        | 0.0               |
| 09   | 2     | 21.6            | 25.2       | 18.4       | 23.8             | 23.9 | 24.2 | 24.2 | 22.0 | 19.2         | 94.8   | 0.0         | 5.6               |               |            |            | 0.0               |
| 09   | 3     | 23.6            | 30.3       | 20.5       | 24.4             | 24.3 | 24.3 | 24.1 | 22.0 | 19.3         | 85.7   | 0.5         | 11.4              | 0.6           | 9.2        | WNW        | 0.0               |
| 09   | 4     | 24.6            | 32.8       | 19.9       | 24.9             | 24.7 | 24.5 | 24.1 | 22.1 | 19.3         | 81.1   | 0.0         | 18.4              | 0.5           | 5.4        | SSE        | 0.0               |
| 09   | 5     | 23.9            | 30.5       | 19.3       | 24.4             | 24.5 | 24.4 | 24.2 | 22.1 | 19.3         | 84.3   | 161.5       | 16.5              | 0.4           | 5.6        | ESE        | 0.0               |
| 09   | 6     | 20.2            | 23.5       | 18.3       | 20.9             | 20.9 | 21.4 | 23.6 | 22.9 | 20.0         | 97.1   | 53.0        | 7.3               | 0.1           | 3.4        | ESE        | 0.0               |
| 09   | 7     | 21.7            | 24.8       | 19.3       | 21.9             | 22.0 | 22.3 | 23.2 | 22.8 | 20.3         | 89.5   | 2.0         | 4.4               | 1.1           | 14.2       | NW         | 0.0               |
| 09   | 8     | 24.5            | 31.9       | 19.7       | 23.0             | 22.8 | 22.8 | 23.2 | 22.6 | 20.3         | 78.3   | 0.0         | 14.3              | 0.8           | 7.1        | WNW        | 0.0               |
| 09   | 9     | 23.3            | 29.6       | 18.9       | 23.4             | 23.3 | 23.3 | 23.4 | 22.5 | 20.4         | 77.5   | 0.0         | 14.0              | 0.7           | 6.8        | WSW        | 0.0               |
| 09   | 10    | 21.8            | 25.7       | 18.3       | 23.1             | 23.3 | 23.5 | 23.5 | 22.4 | 20.4         | 83.3   | 0.5         | 8.2               | 0.6           | 5.6        | N          | 0.0               |
| 09   | 11    | 22.3            | 29.5       | 17.2       | 23.4             | 23.3 | 23.4 | 23.6 | 22.4 | 20.4         | 85.3   | 0.0         | 16.1              | 0.4           | 4.3        | SSE        | 0.0               |
| 09   | 12    | 19.4            | 22.7       | 17.2       | 22.7             | 23.0 | 23.4 | 23.6 | 22.3 | 20.4         | 95.0   | 2.5         | 4.8               | 0.2           | 3.1        | ESE        | 0.0               |
| 09   | 13    | 19.8            | 24.7       | 16.8       | 22.5             | 22.7 | 23.1 | 23.5 | 22.3 | 20.5         | 95.2   | 2.0         | 7.3               | 0.2           | 3.6        | ESE        | 0.0               |
| 09   | 14    | 20.1            | 25.0       | 17.6       | 22.7             | 22.8 | 23.1 | 23.4 | 22.3 | 20.5         | 92.6   | 0.5         | 9.5               | 0.3           | 4.7        | ESE        | 0.0               |
| 09   | 15    | 18.2            | 20.0       | 16.1       | 22.1             | 22.5 | 23.0 | 23.4 | 22.2 | 20.5         | 94.9   | 2.0         | 4.9               | 0.2           | 3.2        | E          | 0.0               |
| 09   | 16    | 18.2            | 22.2       | 14.8       | 21.5             | 21.9 | 22.5 | 23.3 | 22.2 | 20.5         | 92.2   | 0.0         | 6.7               | 0.2           | 4.0        | ESE        | 0.0               |
| 09   | 17    | 20.0            | 23.7       | 16.8       | 21.9             | 22.1 | 22.4 | 23.1 | 22.2 | 20.5         | 90.1   | 0.0         | 8.9               | 0.2           | 3.8        | ESE        | 0.0               |
| 09   | 18    | 20.7            | 24.6       | 17.7       | 22.1             | 22.2 | 22.5 | 23.0 | 22.2 | 20.5         | 91.8   | 0.0         | 5.5               | 0.1           | 2.9        | WNW        | 0.0               |
| 09   | 19    | 18.7            | 20.6       | 15.8       | 21.8             | 21.9 | 22.4 | 23.0 | 22.1 | 20.4         | 97.1   | 10.0        | 3.0               | 0.1           | 3.1        | E          | 0.0               |
| 09   | 20    | 16.3            | 19.3       | 15.0       | 21.1             | 21.3 | 22.0 | 22.9 | 22.0 | 20.5         | 96.7   | 3.0         | 5.3               | 0.1           | 3.2        | ESE        | 0.0               |
| 09   | 21    | 17.3            | 22.8       | 14.4       | 21.2             | 21.2 | 21.7 | 22.7 | 22.0 | 20.5         | 90.1   | 0.0         | 10.4              | 0.2           | 4.7        | ESE        | 0.0               |
| 09   | 22    | 17.0            | 23.5       | 12.2       | 20.9             | 21.0 | 21.6 | 22.5 | 21.9 | 20.5         | 87.5   | 0.5         | 11.6              | 0.3           | 3.7        | SSE        | 0.0               |
| 09   | 23    | 15.3            | 17.7       | 13.8       | 20.0             | 20.4 | 21.2 | 22.4 | 21.8 | 20.4         | 97.3   | 19.0        | 3.0               | 0.0           | 3.4        | E          | 0.0               |
| 09   | 24    | 13.9            | 15.4       | 12.7       | 18.7             | 19.3 | 20.3 | 22.0 | 21.7 | 20.4         | 97.9   | 25.5        | 3.1               |               |            |            | 0.0               |
| 09   | 25    | 14.9            | 16.7       | 13.1       | 18.1             | 18.4 | 19.5 | 21.5 | 21.6 | 20.4         | 99.0   | 43.5        | 2.5               |               |            |            | 0.0               |
| 09   | 26    | 15.6            | 17.2       | 14.5       | 18.7             | 18.7 | 19.3 | 21.0 | 21.5 | 20.6         | 98.6   | 6.5         | 3.7               | 0.0           | 3.2        | E          | 0.0               |
| 09   | 27    | 16.0            | 20.6       | 11.8       | 19.1             | 19.0 | 19.5 | 20.8 | 21.3 | 20.6         | 94.9   | 2.5         | 8.0               | 0.1           | 2.9        | ESE        | 0.0               |
| 09   | 28    | 15.8            | 23.8       | 10.0       | 19.1             | 19.1 | 19.6 | 20.8 | 21.2 | 20.6         | 83.5   | 0.0         | 17.2              | 0.3           | 5.3        | SSE        | 0.0               |
| 09   | 29    | 13.7            | 18.8       | 9.5        | 18.7             | 18.9 | 19.6 | 20.7 | 21.0 | 20.6         | 88.9   | 0.0         | 8.4               | 0.3           | 4.4        | ESE        | 0.0               |
| 09   | 30    | 14.7            | 22.4       | 7.2        | 18.2             | 18.4 | 19.1 | 20.6 | 20.9 | 20.6         | 80.2   | 0.0         | 16.8              | 0.4           | 4.4        | SSW        | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 337.0       |                   |               |            |            |                   |
| 平均   | Mean  | 19.1            | 23.6       | 15.8       | 21.6             | 21.7 | 22.1 | 22.8 | 22.0 | 20.2         | 90.5   | 11.2        | 8.7               | 0.3           | 4.7        |            |                   |
| 最高   | Max.  | 24.6            | 32.8       | 20.5       | 24.9             | 24.7 | 24.6 | 24.3 | 22.9 | 20.6         | 99.0   | 161.5       | 18.4              |               |            |            | 0.0               |
| 最低   | Min.  | 13.7            | 15.4       | 7.2        | 18.1             | 18.4 | 19.1 | 20.6 | 20.9 | 19.1         | 77.5   | 0.0         | 2.5               | 0.0           |            |            | 0.0               |

2020年 10月  
Oct. 2020

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 气温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 10   | 1     | 14.7            | 20.1       | 11.8       | 18.3             | 18.5 | 19.2 | 20.5 | 20.8 | 20.6         | 89.7   | 0.0         | 7.2               | 0.1           | 4.0        | SE         | 0.0               |
| 10   | 2     | 16.1            | 23.2       | 9.4        | 18.4             | 18.4 | 19.0 | 20.3 | 20.7 | 20.5         | 80.3   | 0.0         | 16.8              | 0.3           | 4.0        | S          | 0.0               |
| 10   | 3     | 16.4            | 21.2       | 12.7       | 18.8             | 18.8 | 19.3 | 20.3 | 20.6 | 20.5         | 86.4   | 0.0         | 8.5               |               |            |            | 0.0               |
| 10   | 4     | 15.4            | 18.8       | 12.8       | 18.3             | 18.5 | 19.1 | 20.2 | 20.5 | 20.4         | 90.8   | 0.0         | 4.6               | 0.1           | 3.1        | E          | 0.0               |
| 10   | 5     | 16.4            | 22.7       | 14.3       | 18.5             | 18.5 | 19.0 | 20.1 | 20.4 | 20.4         | 89.5   | 0.0         | 5.9               | 0.1           | 4.4        | S          | 0.0               |
| 10   | 6     | 14.3            | 20.0       | 9.9        | 18.0             | 18.3 | 18.9 | 20.1 | 20.3 | 20.3         | 75.6   | 0.0         | 9.3               | 0.4           | 4.8        | ESE        | 0.0               |
| 10   | 7     | 12.2            | 16.2       | 9.7        | 16.9             | 17.4 | 18.4 | 19.9 | 20.3 | 20.3         | 91.0   | 12.5        | 4.2               | 0.2           | 4.5        | ESE        | 0.0               |
| 10   | 8     | 10.8            | 12.1       | 10.2       | 15.1             | 15.9 | 17.1 | 19.5 | 20.0 | 20.1         | 99.0   | 47.0        | 1.9               | 0.0           | 3.3        | ESE        | 0.0               |
| 10   | 9     | 10.4            | 11.0       | 10.0       | 14.5             | 15.1 | 16.2 | 18.8 | 19.9 | 20.1         | 99.8   | 48.5        | 0.9               | 0.0           | 2.4        | E          | 0.0               |
| 10   | 10    | 11.5            | 12.5       | 10.2       | 13.4             | 13.8 | 14.8 | 17.6 | 19.4 | 20.1         | 100.0  | 64.0        | 0.7               |               |            |            | 0.0               |
| 10   | 11    | 15.0            | 19.1       | 12.0       | 15.0             | 14.7 | 15.1 | 17.0 | 19.1 | 20.2         | 97.5   | 7.0         | 5.7               | 0.0           | 2.1        | E          | 0.0               |
| 10   | 12    | 16.3            | 19.4       | 13.9       | 16.5             | 16.0 | 16.1 | 17.1 | 18.8 | 20.1         | 95.3   | 0.0         | 6.5               | 0.0           | 2.5        | SE         | 0.0               |
| 10   | 13    | 16.3            | 21.7       | 13.1       | 16.7             | 16.5 | 16.6 | 17.3 | 18.6 | 20.0         | 93.7   | 0.0         | 6.2               | 0.1           | 2.9        | ESE        | 0.0               |
| 10   | 14    | 13.8            | 15.1       | 12.9       | 16.5             | 16.5 | 16.8 | 17.5 | 18.5 | 19.9         | 97.3   | 2.0         | 2.0               | 0.1           | 3.4        | E          | 0.0               |
| 10   | 15    | 11.7            | 13.2       | 9.4        | 15.9             | 16.1 | 16.7 | 17.6 | 18.4 | 19.8         | 98.9   | 2.5         | 1.7               | 0.0           | 2.8        | E          | 0.0               |
| 10   | 16    | 9.7             | 12.6       | 8.4        | 15.1             | 15.5 | 16.2 | 17.6 | 18.3 | 19.7         | 96.2   | 0.5         | 3.8               | 0.0           | 2.8        | ESE        | 0.0               |
| 10   | 17    | 8.1             | 9.2        | 7.4        | 13.7             | 14.5 | 15.6 | 17.4 | 18.2 | 19.6         | 99.4   | 27.0        | 1.2               | 0.0           | 2.2        | W          | 0.0               |
| 10   | 18    | 9.3             | 13.8       | 5.7        | 13.4             | 13.8 | 14.8 | 17.0 | 18.1 | 19.6         | 93.6   | 0.0         | 7.5               | 0.1           | 4.1        | ESE        | 0.0               |
| 10   | 19    | 8.0             | 10.6       | 5.7        | 12.9             | 13.5 | 14.6 | 16.7 | 18.0 | 19.5         | 98.1   | 3.5         | 1.9               | 0.1           | 3.4        | WNW        | 0.0               |
| 10   | 20    | 10.0            | 18.8       | 4.4        | 13.1             | 13.4 | 14.3 | 16.5 | 17.9 | 19.4         | 87.4   | 0.0         | 11.8              | 0.2           | 3.8        | SSE        | 0.0               |
| 10   | 21    | 9.4             | 13.1       | 7.3        | 13.2             | 13.6 | 14.4 | 16.3 | 17.7 | 19.3         | 90.5   | 0.0         | 5.8               | 0.2           | 3.7        | ESE        | 0.0               |
| 10   | 22    | 10.9            | 16.6       | 7.1        | 13.3             | 13.5 | 14.3 | 16.1 | 17.6 | 19.2         | 91.5   | 0.0         | 6.9               | 0.1           | 3.7        | SE         | 0.0               |
| 10   | 23    | 12.3            | 14.9       | 10.2       | 14.0             | 14.0 | 14.5 | 16.0 | 17.4 | 19.1         | 98.3   | 11.5        | 2.7               | 0.0           | 2.4        | WSW        | 0.0               |
| 10   | 24    | 10.3            | 17.1       | 4.9        | 14.1             | 14.2 | 14.7 | 16.0 | 17.3 | 19.0         | 87.0   | 0.5         | 10.2              | 0.4           | 4.8        | SSE        | 0.0               |
| 10   | 25    | 9.1             | 18.0       | 3.0        | 13.0             | 13.5 | 14.3 | 16.0 | 17.2 | 19.0         | 75.1   | 0.0         | 14.3              | 0.5           | 4.3        | SW         | 0.0               |
| 10   | 26    | 10.2            | 19.1       | 5.0        | 12.8             | 13.2 | 14.0 | 15.8 | 17.1 | 18.9         | 77.2   | 0.0         | 10.6              | 0.4           | 3.5        | SW         | 0.0               |
| 10   | 27    | 10.4            | 17.5       | 5.5        | 12.8             | 13.1 | 13.9 | 15.7 | 17.0 | 18.8         | 85.5   | 0.0         | 10.3              | 0.4           | 4.0        | S          | 0.0               |
| 10   | 28    | 11.0            | 17.7       | 7.2        | 13.3             | 13.4 | 14.0 | 15.6 | 16.9 | 18.7         | 85.6   | 0.0         | 10.2              | 0.4           | 4.0        | SSE        | 0.0               |
| 10   | 29    | 11.2            | 18.9       | 6.6        | 13.3             | 13.4 | 14.0 | 15.5 | 16.8 | 18.6         | 73.5   | 0.0         | 13.2              | 0.6           | 5.8        | S          | 0.0               |
| 10   | 30    | 8.7             | 16.1       | 2.7        | 12.7             | 13.2 | 14.0 | 15.4 | 16.7 | 18.6         | 68.9   | 0.0         | 8.0               | 0.5           | 4.9        | SSW        | 0.0               |
| 10   | 31    | 7.8             | 17.9       | 1.5        | 11.5             | 12.2 | 13.3 | 15.3 | 16.7 | 18.5         | 63.7   | 0.0         | 13.5              | 0.6           | 4.5        | SW         | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 226.5       |                   |               |            |            |                   |
| 平均   | Mean  | 11.9            | 16.7       | 8.5        | 14.9             | 15.2 | 15.9 | 17.5 | 18.6 | 19.6         | 88.9   | 7.3         | 6.9               | 0.2           | 3.6        |            |                   |
| 最高   | Max.  | 16.4            | 23.2       | 14.3       | 18.8             | 18.8 | 19.3 | 20.5 | 20.8 | 20.6         | 100.0  | 64.0        | 16.8              |               |            |            | 0.0               |
| 最低   | Min.  | 7.8             | 9.2        | 1.5        | 11.5             | 12.2 | 13.3 | 15.3 | 16.7 | 18.5         | 63.7   | 0.0         | 0.7               | 0.0           |            |            | 0.0               |

2020年 11月  
Nov. 2020

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |      |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|------|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |      |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1  | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 11   | 1     | 8.1             | 16.7       | 1.8        | 11.2             | 11.8 | 12.9 | 15.1 | 16.6 | 18.4         | 79.8   | 0.0         | 10.4              | 0.6           | 6.0        | WSW        | 0.0               |
| 11   | 2     | 10.9            | 17.9       | 6.5        |                  |      |      |      |      |              |        | 0.5         |                   |               |            |            | 0.0               |
| 11   | 3     | 10.0            | 13.3       | 5.3        | 12.6             | 12.7 | 13.3 | 14.7 | 16.6 | 18.4         | 93.4   | 1.5         | 2.5               | 0.1           | 2.5        | ENE        | 0.0               |
| 11   | 4     | 7.3             | 15.6       | 2.0        | 11.7             | 12.2 | 13.1 | 14.7 | 16.6 | 18.3         | 68.2   | 0.0         | 11.3              | 0.2           | 3.8        | SSE        | 0.0               |
| 11   | 5     | 7.5             | 16.3       | 1.3        | 11.2             | 11.6 | 12.7 | 14.6 | 16.5 | 18.2         | 69.2   | 0.0         | 11.9              | 0.2           | 3.3        | S          | 0.0               |
| 11   | 6     | 8.1             | 16.2       | 4.1        | 11.2             | 11.5 | 12.5 | 14.4 | 16.4 | 18.1         | 78.8   | 0.0         | 5.7               | 0.1           | 3.0        | SSE        | 0.0               |
| 11   | 7     | 12.1            | 18.8       | 6.3        | 11.8             | 11.8 | 12.6 | 14.2 | 16.3 | 18.0         | 67.1   | 0.0         | 6.0               | 0.1           | 2.2        | NW         | 0.0               |
| 11   | 8     | 12.9            | 20.6       | 6.9        | 13.1             | 12.7 | 13.1 | 14.1 | 16.1 | 17.9         | 83.0   | 0.0         | 8.6               | 0.1           | 2.9        | SSE        | 0.0               |
| 11   | 9     | 7.4             | 15.8       | 2.0        | 11.9             | 12.3 | 13.1 | 14.2 | 16.1 | 17.9         | 70.6   | 0.0         | 10.9              | 0.3           | 3.1        | SSE        | 0.0               |
| 11   | 10    | 5.2             | 13.9       | 1.1        | 10.3             | 11.0 | 12.3 | 14.1 | 16.0 | 17.8         | 69.3   | 0.0         | 8.9               | 0.3           | 4.0        | SE         | 0.0               |
| 11   | 11    | 5.1             | 14.5       | 0.0        | 9.8              | 10.4 | 11.7 | 13.9 | 15.9 | 17.7         | 70.7   | 0.0         | 12.1              | 0.4           | 3.1        | SSE        | 0.0               |
| 11   | 12    | 4.5             | 12.6       | -0.8       | 9.5              | 10.0 | 11.3 | 13.5 | 15.8 | 17.6         | 82.7   | 0.0         | 11.6              | 0.3           | 3.4        | SSW        | 0.0               |
| 11   | 13    | 7.8             | 18.0       | 1.1        | 9.7              | 10.0 | 11.1 | 13.3 | 15.7 | 17.6         | 74.4   | 0.0         | 11.9              | 0.3           | 2.6        | SW         | 0.0               |
| 11   | 14    | 9.4             | 20.3       | 3.6        | 10.1             | 10.3 | 11.2 | 13.1 | 15.5 | 17.5         | 51.1   | 0.0         | 12.8              | 0.3           | 2.8        | SW         | 0.0               |
| 11   | 15    | 8.0             | 17.2       | 1.9        | 9.5              | 9.9  | 11.0 | 13.0 | 15.4 | 17.5         | 51.6   | 0.0         | 12.3              | 0.3           | 2.3        | SSW        | 0.0               |
| 11   | 16    | 11.3            | 20.7       | 5.6        | 10.4             | 10.3 | 11.1 | 12.8 | 15.2 | 17.4         | 64.5   | 0.0         | 10.7              | 0.2           | 3.4        | SSW        | 0.0               |
| 11   | 17    | 10.4            | 19.7       | 5.3        | 10.7             | 10.7 | 11.3 | 12.7 | 15.1 | 17.3         | 66.9   | 0.0         | 11.3              | 0.3           | 15.0       | SW         | 0.0               |
| 11   | 18    | 11.7            | 20.7       | 6.3        |                  |      |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 11   | 19    | 14.0            | 23.1       | 8.5        | 12.1             | 11.6 | 11.9 | 12.8 | 14.8 | 17.2         | 74.8   | 0.0         | 8.9               | 0.7           | 6.8        | NW         | 0.0               |
| 11   | 20    | 17.0            | 23.1       | 11.8       | 12.9             | 12.5 | 12.5 | 12.9 | 14.7 | 17.1         | 73.8   | 0.0         | 4.7               | 1.0           | 10.3       | WNW        | 0.0               |
| 11   | 21    | 11.2            | 18.5       | 3.4        | 12.8             | 12.7 | 12.9 | 13.1 | 14.6 | 17.0         | 57.5   | 0.0         | 10.7              | 0.6           | 8.5        | SW         | 0.0               |
| 11   | 22    | 8.8             | 18.9       | 1.1        | 10.7             | 11.1 | 12.1 | 13.3 | 14.6 | 17.0         | 64.6   | 0.0         | 8.6               | 0.6           | 7.3        | WSW        | 0.0               |
| 11   | 23    | 11.1            | 18.2       | 3.6        | 11.9             | 11.7 | 12.1 | 13.1 | 14.5 | 16.9         | 68.1   | 0.0         | 10.5              | 0.6           | 4.4        | ESE        | 0.0               |
| 11   | 24    | 6.5             | 14.5       | 1.5        | 10.6             | 11.0 | 11.9 | 13.1 | 14.5 | 16.8         | 75.1   | 0.0         | 10.2              | 0.4           | 4.2        | SSE        | 0.0               |
| 11   | 25    | 6.3             | 9.7        | 4.0        | 10.3             | 10.7 | 11.5 | 13.0 | 14.4 | 16.7         | 93.2   | 0.0         | 2.6               | 0.1           | 2.1        | S          | 0.0               |
| 11   | 26    | 8.4             | 16.9       | 3.2        | 10.3             | 10.6 | 11.3 | 12.8 | 14.4 | 16.7         | 76.5   | 0.0         | 8.3               | 0.3           | 3.0        | SSW        | 0.0               |
| 11   | 27    | 6.3             | 7.8        | 5.2        | 10.0             | 10.5 | 11.3 | 12.7 | 14.3 | 16.6         | 93.1   | 0.0         | 0.7               | 0.1           | 2.7        | E          | 0.0               |
| 11   | 28    | 5.9             | 13.3       | 0.6        | 10.1             | 10.4 | 11.1 | 12.6 | 14.2 | 16.5         | 73.7   | 0.0         | 9.1               | 0.7           | 7.7        | WSW        | 0.0               |
| 11   | 29    | 4.2             | 12.3       | 0.0        | 9.2              | 9.7  | 10.7 | 12.5 | 14.2 | 16.5         | 72.3   | 0.0         | 9.5               |               |            |            | 0.0               |
| 11   | 30    | 5.2             | 14.5       | -0.2       | 8.7              | 9.2  | 10.3 | 12.3 | 14.1 | 16.4         | 70.9   | 0.0         | 9.9               |               |            |            | 0.0               |
| 計    | Total |                 |            |            |                  |      |      |      |      |              |        | 2.0         |                   |               |            |            |                   |
| 平均   | Mean  | 8.7             | 16.7       | 3.4        | 10.9             | 11.1 | 11.9 | 13.4 | 15.3 | 17.4         | 72.7   | 0.1         | 9.0               | 0.4           | 4.6        |            |                   |
| 最高   | Max.  | 17.0            | 23.1       | 11.8       |                  |      |      |      |      |              | 1.5    |             |                   |               |            |            | 0.0               |
| 最低   | Min.  | 4.2             | 7.8        | -0.8       |                  |      |      |      |      |              | 0.0    |             |                   |               |            |            | 0.0               |

2020年 12月  
Dec. 2020

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

| 月    | 日     | 気温 °C           |            |            | 平均地温 °C          |     |      |      |      |              | 湿度     | 降水量         | 日射量<br>日合計        | 風速 m/sec      |            |            | 降雪深<br>cm         |
|------|-------|-----------------|------------|------------|------------------|-----|------|------|------|--------------|--------|-------------|-------------------|---------------|------------|------------|-------------------|
|      |       | Air Temperature |            |            | Soil Temperature |     |      |      |      |              |        |             |                   | Wind Velocity |            |            |                   |
| Date |       | 平均<br>Mean      | 最高<br>Max. | 最低<br>Min. | 0.0              | 0.1 | 0.2  | 0.5  | 1.0  | 2.0m<br>deep | Hum. % | Prec.<br>mm | MJ/m <sup>2</sup> | 平均<br>Mean    | 最大<br>Max. | 風向<br>Dir. | Snowfall<br>Depth |
| 12   | 1     | 4.6             | 13.7       | -0.2       | 8.5              | 8.9 | 10.0 | 12.1 | 14.1 | 16.4         | 68.3   | 0.0         | 9.9               | 0.4           | 3.2        | SSW        | 0.0               |
| 12   | 2     | 2.8             | 8.3        | -0.8       | 7.5              | 8.3 | 9.6  | 11.8 | 14.0 | 16.3         | 86.6   | 0.0         | 3.9               |               |            |            | 0.0               |
| 12   | 3     | 4.2             | 13.9       | 1.7        |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 4     | 4.4             | 12.5       | -0.2       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 5     | 3.0             | 10.6       | -0.7       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 6     | 4.6             | 13.7       | 0.0        |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 7     | 6.0             | 16.0       | 0.5        |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 8     | 6.7             | 15.8       | 2.6        |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 9     | 3.9             | 9.5        | -0.2       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 10    | 3.7             | 12.7       | -1.5       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 11    | 5.3             | 13.9       | 1.3        |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 12    | 6.3             | 14.6       | 2.1        |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 13    | 4.4             | 13.5       | -0.1       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 14    | 4.0             | 11.5       | -2.6       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 15    | 0.8             | 9.3        | -3.1       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 16    | -1.1            | 3.0        | -4.3       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 17    | -1.3            | 5.6        | -6.1       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |
| 12   | 18    | 0.4             | 9.9        | -5.3       | 3.6              | 4.3 | 5.8  | 8.9  | 12.2 | 15.4         | 51.7   | 0.0         | 9.0               | 0.6           | 3.2        | WNW        | 0.0               |
| 12   | 19    | 1.2             | 9.0        | -4.0       | 4.1              | 4.6 | 5.8  | 8.6  | 12.0 | 15.4         | 58.0   | 0.0         | 7.7               | 0.7           | 5.5        | WSW        | 0.0               |
| 12   | 20    | -1.2            | 6.8        | -5.4       | 3.5              | 4.2 | 5.6  | 8.4  | 11.8 | 15.3         | 53.3   | 0.0         | 9.4               | 0.8           | 7.6        | WSW        | 0.0               |
| 12   | 21    | -0.9            | 8.8        | -6.6       | 3.1              | 3.8 | 5.2  | 8.2  | 11.7 | 15.2         | 50.8   | 0.0         | 9.8               |               |            |            | 0.0               |
| 12   | 22    | 0.9             | 10.1       | -4.3       | 3.3              | 3.7 | 5.0  | 7.9  | 11.5 | 15.2         | 48.1   | 0.0         | 9.8               | 0.6           | 3.1        | W          | 0.0               |
| 12   | 23    | 2.8             | 12.8       | -1.8       | 3.8              | 4.0 | 5.1  | 7.7  | 11.3 | 15.1         | 51.7   | 0.0         | 9.8               | 0.7           | 3.6        | W          | 0.0               |
| 12   | 24    | 4.1             | 13.4       | -2.2       | 4.3              | 4.3 | 5.2  | 7.6  | 11.1 | 15.0         | 50.8   | 0.0         | 8.6               | 0.6           | 3.4        | WNW        | 0.0               |
| 12   | 25    | 4.3             | 11.7       | -1.6       | 4.8              | 4.8 | 5.5  | 7.5  | 11.0 | 14.9         | 50.7   | 0.0         | 8.1               | 0.8           | 5.4        | NNW        | 0.0               |
| 12   | 26    | 1.2             | 9.9        | -3.5       | 4.1              | 4.4 | 5.5  | 7.5  | 10.8 | 14.8         | 56.2   | 0.0         | 10.0              | 0.5           | 4.0        | S          | 0.0               |
| 12   | 27    | 2.6             | 12.0       | -2.4       | 4.1              | 4.3 | 5.3  | 7.5  | 10.7 | 14.8         | 58.1   | 0.0         | 9.1               | 0.5           | 3.0        | WSW        | 0.0               |
| 12   | 28    | 4.6             | 13.9       | 0.0        | 5.0              | 4.8 | 5.5  | 7.4  | 10.6 | 14.7         | 66.2   | 0.0         | 7.5               | 0.4           | 2.6        | WSW        | 0.0               |
| 12   | 29    | 3.7             | 10.5       | -0.4       | 4.7              | 4.8 | 5.6  | 7.4  | 10.5 | 14.6         | 64.9   | 0.0         | 7.4               | 0.6           | 4.1        | NE         | 0.0               |
| 12   | 30    | 4.1             | 12.5       | -3.8       | 5.0              | 5.0 | 5.7  | 7.4  | 10.3 | 14.5         | 67.2   | 2.0         | 4.3               | 1.3           | 9.7        | W          | 0.0               |
| 12   | 31    | -2.1            | 3.8        | -5.6       | 3.8              | 4.4 | 5.5  | 7.4  | 10.3 | 14.4         | 41.5   | 0.0         | 8.5               | 1.2           | 8.7        | WSW        | 0.0               |
| 計    | Total |                 |            |            |                  |     |      |      |      |              |        | 2.0         |                   |               |            |            |                   |
| 平均   | Mean  | 2.8             | 11.1       | -1.9       |                  |     |      |      |      |              |        | 0.1         |                   |               |            |            |                   |
| 最高   | Max.  | 6.7             | 16.0       | 2.6        |                  |     |      |      |      |              |        | 2.0         |                   |               |            |            | 0.0               |
| 最低   | Min.  | -2.1            | 3.0        | -6.6       |                  |     |      |      |      |              |        | 0.0         |                   |               |            |            | 0.0               |