

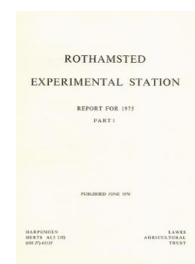
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ROTHAMSTED  
RESEARCH

## Report for 1975 - Part 1

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## Weather Tables Rothamsted

### Rothamsted Research

Rothamsted Research (1976) *Weather Tables Rothamsted* ; Report For 1975 - Part 1, pp 340 - 340 - DOI: <https://doi.org/10.23637/ERADOC-1-132>

**ROTHAMSTED WEATHER 1974-75**  
Latitude 51° 48' 30" N; Longitude 0° 21' 10" W; Altitude 128 m

|               | Temperature (°C) |              |               |          | Radiation     |                | Wind       | Water (mm) |           |                    |                        |
|---------------|------------------|--------------|---------------|----------|---------------|----------------|------------|------------|-----------|--------------------|------------------------|
|               | Mean maximum     | Mean minimum | Soil at 10 cm | Dewpoint | Ground frosts | Sunshine hours | Run at 2 m | Rain       | Rain days | Drainage bare soil | Evaporation Open water |
| <b>1974</b>   |                  |              |               |          |               |                |            |            |           |                    |                        |
| October       | 9.7              | 4.3          | 6.5           | 4.6      | 7             | 90             | 241        | 103        | 22        | 80                 | 29                     |
| November      | 9.3              | 3.8          | 5.5           | 5.2      | 11            | 45             | 247        | 139        | 26        | 123                | 14                     |
| December      | 9.9              | 4.9          | 5.7           | 4.6      | 10            | 58             | 363        | 37         | 15        | 23                 | 10                     |
| <b>1975</b>   |                  |              |               |          |               |                |            |            |           |                    |                        |
| January       | 9.1 (+3.4)       | 3.2 (+3.0)   | 4.9           | 4.7      | 16            | 37 (-14)       | 275        | 98 (+37)   | 22        | 83                 | 15                     |
| February      | 7.7 (+1.3)       | 0.8 (+0.4)   | 3.2           | 2.1      | 20            | 65 (-3)        | 188        | 34 (-17)   | 9         | 28                 | 15                     |
| March         | 7.0 (-2.1)       | 1.7 (+0.4)   | 3.6           | 2.3      | 17            | 60 (-56)       | 256        | 89 (+44)   | 24        | 59                 | 21                     |
| April         | 12.1 (0.0)       | 4.1 (+0.9)   | 7.0           | 4.5      | 13            | 125 (-26)      | 234        | 53 (+6)    | 19        | 27                 | 41                     |
| May           | 13.5 (-2.4)      | 5.4 (-0.8)   | 10.1          | 5.5      | 7             | 163 (-31)      | 373        | 66 (+14)   | 10        | 29                 | 77                     |
| June          | 20.1 (+1.2)      | 8.4 (-0.8)   | 15.9          | 8.3      | 3             | 289 (+87)      | 574        | 23 (-34)   | 7         | Trace              | 125                    |
| July          | 22.7 (+2.1)      | 12.0 (+0.9)  | 18.5          | 11.9     | 0             | 233 (+42)      | 474        | 19 (-37)   | 10        | Trace              | 116                    |
| August        | 24.8 (+4.5)      | 12.6 (+1.7)  | 19.1          | 13.0     | 0             | 155 (+10)      | 416        | 19 (-45)   | 9         | Trace              | 119                    |
| September     | 18.4 (+0.7)      | 8.9 (-0.2)   | 13.3          | 9.8      | 1             | 115 (+12)      | 273        | 103 (+44)  | 16        | 32                 | 75                     |
| October       | 13.2 (-0.1)      | 5.6 (-0.2)   | 8.9           | 7.2      | 9             | 76 (+14)       | 163        | 18 (-43)   | 9         | 3                  | 37                     |
| November      | 8.9 (0.0)        | 2.0 (-0.7)   | 4.9           | 3.9      | 17            | 37 (-8)        | 206        | 52 (-22)   | 15        | 33                 | 18                     |
| December      | 6.7 (+0.3)       | 1.3 (+0.3)   | 3.5           | 2.6      | 19            | 37 (-8)        | 201        | 37 (-27)   | 12        | 30                 | 7                      |
| Total or mean | 13.7 (+0.7)      | 5.5 (+0.4)   | 9.4           | 6.3      | 122           | 1587 (+81)     | 251        | 611 (-80)  | 162       | 324                | 663                    |

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Drainage and evaporation were measured in inches.
3. Drainage is through 50 cm bare undisturbed soil.
4. Departures from long-period averages (in brackets) are for different periods; Air temperature, 1878-1974; Sunshine, 1882-1974; Rain, 1948-74.