

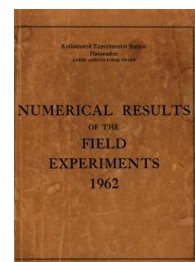
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# Yields of the Field Experiments 1962

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## Miscellaneous Data

### Rothamsted Research

Rothamsted Research (1963) *Miscellaneous Data* ; Yields Of The Field Experiments 1962, pp 148 - 149 - DOI: <https://doi.org/10.23637/ERADOC-1-164>

METEOROLOGICAL RECORDS 1962 - ROTHAMSTED  
(Departure from long period means in brackets)

| Month | Total sunshine: hours | Mean temperature: °F |           |                 | Ground frosts (2) | Total rainfall: in. 1/1000 acre gauge | Rain days (3) | Drainage through 20 in. soil: in. | Wind (4) m.p.h. |
|-------|-----------------------|----------------------|-----------|-----------------|-------------------|---------------------------------------|---------------|-----------------------------------|-----------------|
|       |                       | Air (1)              | Dew point | In ground 4 ft. |                   |                                       |               |                                   |                 |
| Jan.  | 69 (+16.3)            | 38.5 (+1.2)          | 35.7      | 37.8            | 41.6              | 21                                    | 4.11 (+1.58)  | 4.58                              | 5.8             |
| Feb.  | 62 (-6.9)             | 38.3 (0.0)           | 34.3      | 38.9            | 42.0              | 18                                    | 0.84 (-1.10)  | 0.40                              | 8.1             |
| Mar.  | 105 (-12.0)           | 36.0 (-5.4)          | 31.9      | 37.0            | 40.6              | 27                                    | 1.91 (+0.03)  | 0.70                              | 4.6             |
| Apr.  | 130 (-25.3)           | 45.1 (-0.8)          | 39.4      | 44.4            | 42.3              | 9                                     | 2.49 (+0.58)  | 1.20                              | 6.3             |
| May   | 154 (-42.5)           | 49.7 (-2.3)          | 43.2      | 50.6            | 46.8              | 4                                     | 2.04 (-0.08)  | 0.23                              | 5.2             |
| June  | 265 (+61.2)           | 55.7 (-1.6)          | 46.3      | 56.9            | 50.5              | 7                                     | 0.28 (-1.91)  | -                                 | 3.9             |
| July  | 136 (-58.2)           | 58.6 (-2.1)          | 50.8      | 59.3            | 54.1              | 0                                     | 2.61 (+0.06)  | 0.61                              | 3.3             |
| Aug.  | 159 (-24.4)           | 58.7 (-1.5)          | 51.8      | 59.2            | 55.9              | 0                                     | 2.67 (+0.07)  | 0.70                              | 3.8             |
| Sept. | 143 (-1.8)            | 54.6 (-1.5)          | 50.4      | 56.2            | 55.7              | 1                                     | 3.39 (+1.00)  | 1.34                              | 3.3             |
| Oct.  | 110 (+5.6)            | 50.6 (+1.6)          | 48.0      | 52.3            | 53.7              | 6                                     | 1.29 (-1.71)  | 0.43                              | 3.1             |
| Nov.  | 27 (-35.2)            | 40.9 (-1.6)          | 38.5      | 44.2            | 46.5              | 14                                    | 2.52 (-0.28)  | 2.04                              | 3.6             |
| Dec.  | 87 (+42.1)            | 33.5 (-5.2)          | 29.8      | 37.3            | 44.6              | 26                                    | 2.73 (+0.11)  | 1.13                              | 5.5             |
| Year* | 1447 (-81.1)          | 46.7 (-1.6)          | 41.7      | 47.8            | 47.9              | 133                                   | 26.88 (-1.65) | 13.36                             | 4.7             |

(1) Mean of maximum and minimum.  
(2) Number of nights grass minimum was 30°F or less.  
(3) Number of days rainfall was 0.01 in. or more.  
(4) At 2 metres above ground level.

\*Mean or total

62/E/1.2

METEOROLOGICAL RECORDS 1962 - WOBURN

| Month     | Total sunshine: hours | Mean temperature: °F |                 | Grass minimum: °F | Total rainfall: in 8" gauge | Rain (2) days |
|-----------|-----------------------|----------------------|-----------------|-------------------|-----------------------------|---------------|
|           |                       | Air (1)              | In ground 1 ft. |                   |                             |               |
| January   | 68                    | 39.2                 | 37.9            | 31.1              | 2.93                        | 19            |
| February  | 63                    | 39.5                 | 39.5            | 30.3              | 0.34                        | 10            |
| March     | 98                    | 36.0                 | 37.2            | 23.2              | 1.26                        | 12            |
| April     | 126                   | 45.3                 | 44.8            | 33.5              | 1.71                        | 16            |
| May       | 156                   | 49.7                 | 51.3            | 38.6              | 2.40                        | 21            |
| June      | 243                   | 55.7                 | 59.0            | 41.3              | 0.29                        | 6             |
| July      | 118                   | 58.5                 | 61.0            | 46.8              | 2.00                        | 12            |
| August    | 153                   | 58.5                 | 60.2            | 47.2              | 3.02                        | 15            |
| September | 131                   | 54.5                 | 57.1            | 42.4              | 3.15                        | 18            |
| October   | 104                   | 50.2                 | 52.8            | 38.2              | 1.18                        | 11            |
| November  | 30                    | 41.1                 | 44.4            | 33.4              | 1.88                        | 17            |
| December  | 78                    | 33.5                 | 37.5            | 25.1              | 1.76                        | 16            |
| Year*     | 1368                  | 46.8                 | 48.6            | 35.9              | 21.92                       | 173           |

(1) Mean of maximum and minimum

(2) Number of days rainfall was 0.01 inches or more

\*Mean or total