

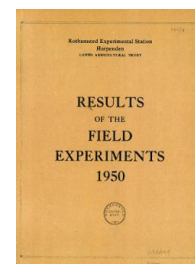
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Yields of the Field Experiments 1950

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50/E/2 Meteorological Readings - Rothamsted

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Rothamsted Research (1951) *50/E/2 Meteorological Readings - Rothamsted* ; Yields Of The Field Experiments 1950, pp 89 - 89 - DOI: <https://doi.org/10.23637/ERADOC-1-185>

METEOROLOGICAL RECORDS ROTHAMSTED 1950

(Departure from long period means in brackets)

| Month | Total Hours of Sunshine | Mean Temperature (°F) | | | | Ground Frosts (2) | Rainfall (in) 1/100 acre Gauge | Rain Days (3) | Drainage through 20 in. Soil | Wind (4) m.p.h. |
|-------|-------------------------|-----------------------|-----------|----------------|----------------|-------------------|--------------------------------|---------------|------------------------------|-----------------|
| | | Air (1) | Dew Point | In Ground 1 ft | In Ground 4 ft | | | | | |
| Jan. | 36 (-17) | 38.3 (+0.9) | 35.9 | 40.1 | 45.1 | 14 | 1.00 (-1.54) | 15 | 0.33 | 4.7 |
| Feb. | 58 (-12) | 41.7 (+3.3) | 37.6 | 40.0 | 42.7 | 10 | 4.61 (+2.74) | 22 | 4.11 | 5.7 |
| Mar. | 126 (+9) | 44.5 (+3.2) | 39.0 | 42.9 | 43.6 | 11 | 0.89 (-1.02) | 15 | - | 4.2 |
| Apr. | 147 (-9) | 45.3 (-0.5) | 37.9 | 44.8 | 45.5 | 7 | 1.95 (-) | 19 | 0.14 | 6.0 |
| May | 153 (-45) | 51.3 (-0.6) | 45.5 | 51.3 | 48.1 | 3 | 2.03 (-0.12) | 12 | 0.35 | 4.7 |
| June | 261 (+58) | 60.8 (+3.5) | 53.2 | 62.4 | 53.4 | 0 | 1.56 (-0.62) | 10 | 0.06 | 3.2 |
| July | 189 (-7) | 60.3 (-0.4) | 53.6 | 62.3 | 57.1 | 0 | 5.50 (+2.96) | 15 | 2.51 | 2.9 |
| Aug. | 165 (-21) | 59.9 (-0.3) | 54.5 | 61.2 | 58.6 | 0 | 3.54 (+1.00) | 18 | 1.09 | 2.5 |
| Sept. | 115 (-32) | 55.0 (-1.1) | 50.1 | 55.6 | 57.4 | 0 | 3.33 (+0.98) | 25 | 1.08 | 4.1 |
| Oct. | 104 (-1) | 59.1 (+0.2) | 44.8 | 50.1 | 54.5 | 5 | 0.62 (-2.41) | 13 | 0.10 | 3.3* |
| Nov. | 56 (-7) | 41.9 (-0.5) | 39.2 | 42.9 | 49.5 | 10 | 5.39 (+2.64) | 24 | 4.13 | 5.6 |
| Dec. | 41 (-4) | 32.9 (-5.7) | 30.3 | 36.4 | 44.6 | 21 | 1.71 (-0.88) | 19 | 0.91 | 5.8 |
| Year | 1451 (-88) | 48.4 (+0.1) | 43.5 | 49.2 | 50.0 | 81 | 32.13 (+3.72) | 207 | 14.81 | 4.4 |

(1) Mean of Maximum and Minimum. *Record for 30 days.

(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.

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