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Yields of the Field Experiments 1980

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80/E/1 Meteorological Records 1980 - Woburn

80/E/1 Meteorological Records 1980 - Woburn, Rothamsted Research (1981) Yields Of The Field Experiments 1980, pp 340 - 340 - DOI: <https://doi.org/10.23637/ERADOC-1-31>

80/E/1

METEOROLOGICAL RECORDS 1980 - WOBURN

(Departure from long-period means in brackets)

| MONTH | Total sunshine: hours | Mean temperature: C | | | | | Ground frosts (2) | Total rainfall: mm 12.7 cm (5in) gauge | Wind(4) Rain days (3) | km per hour |
|-------|-----------------------|---------------------|-----------|-----------------------------|--------|-------------------|-------------------|--|-----------------------|-------------|
| | | Air(1) | Dew point | In ground under grass 30 cm | 100 cm | Ground frosts (2) | | | | |
| JAN | 61 (+11) | 1.9 (-1.2) | 0.4 | 2.9 | 6.1 | 24 | 33 (-21) | 11 | 7.1 | |
| FEB | 61 (-10) | 5.5 (+2.1) | 3.8 | 5.4 | 6.0 | 12 | 47 (+6) | 13 | 7.9 | |
| MAR | 83 (-32) | 4.7 (-0.7) | 2.8 | 5.5 | 6.4 | 20 | 78 (+33) | 20 | 8.9 | |
| APR | 141 (+1) | 8.1 (+0.1) | 3.1 | 8.2 | 7.4 | 13 | 22 (-24) | 10 | 6.3 | |
| MAY | 210 (+26) | 10.2 (-0.9) | 5.3 | 10.9 | 9.4 | 12 | 31 (-24) | 5 | 7.1 | |
| JUNE | 163 (-34) | 14.2 (+0.0) | 10.2 | 14.6 | 11.7 | 0 | 92 (+42) | 20 | 8.5 | |
| JULY | 158 (-22) | 14.4 (-1.7) | 11.0 | 15.4 | 13.2 | 0 | 113 (+61) | 18 | 7.3 | |
| AUG | 148 (-22) | 15.9 (+0.1) | 13.3 | 17.0 | 15.0 | 0 | 124 (+62) | 15 | 8.2 | |
| SEPT | 141 (+7) | 14.8 (+1.2) | 12.0 | 15.4 | 14.8 | 0 | 22 (-29) | 12 | 8.5 | |
| OCT | 126 (+25) | 8.9 (-1.2) | 6.6 | 11.2 | 13.2 | 11 | 81 (+28) | 18 | 9.0 | |
| NOV | 53 (-8) | 6.0 (-0.3) | 4.0 | 8.1 | 10.2 | 15 | 50 (-12) | 18 | 11.9 | |
| DEC | 55 (+11) | 5.1 (+1.0) | 2.9 | 5.7 | 8.3 | 18 | 30 (-25) | 14 | 13.6 | |
| YEAR* | 1400 (-47) | 9.1 (-0.1) | 6.3 | 10.0 | 10.1 | 125 | 723 (+97) | 174 | 8.7 | |

METEOROLOGICAL RECORDS 1980 - SAXMUNDHAM

| MONTH | Air(1) | Mean temperature: C | | | Ground(2) frosts | Total rainfall :mm 12.7 cm (5 in) gauge | Wind(4) Rain(3) days | km per hour |
|-------|-------------|---------------------|---------------------------------|------------------|------------------|---|----------------------|-------------|
| | | Dew point | In ground under bare soil 30 cm | Ground(2) frosts | | | | |
| JAN | 2.6 (-1.5) | 1.1 | 2.8 | 28 | 39 (-23) | 10 | 10.1 | |
| FEB | 5.4 (+1.3) | 3.9 | 5.2 | 14 | 51 (+9) | 8 | 9.9 | |
| MAR | 5.3 (-0.1) | 3.9 | 5.2 | 16 | 51 (+8) | 15 | 12.3 | |
| APR | 8.0 (+0.8) | 5.0 | 8.4 | 21 | 32 (-5) | 9 | 9.4 | |
| MAY | 10.7 (+0.1) | 6.7 | 13.2 | 10 | 1 (-34) | 3 | 10.0 | |
| JUNE | 14.6 (+0.7) | 11.7 | 15.6 | 0 | 108 (+71) | 16 | 7.5 | |
| JULY | 15.2 (-0.8) | 12.8 | 15.6 | 0 | 55 (+9) | 12 | 8.0 | |
| AUG | 17.0 (+0.7) | 15.0 | 17.6 | 1 | 14 (-29) | 6 | 8.6 | |
| SEPT | 15.8 (+1.9) | 13.3 | 15.3 | 0 | 25 (-43) | 4 | 9.6 | |
| OCT | 9.7 (-1.0) | 7.8 | 10.5 | 22 | 98 (+58) | 9 | 11.2 | |
| NOV | 6.6 (-0.1) | 5.0 | 12.6 | 17 | 54 (-20) | 11 | 15.1 | |
| DEC | 5.2 (+0.1) | 4.4 | 10.1 | 25 | 59 (+7) | 13 | 14.2 | |
| YEAR* | 9.7 (+0.2) | 7.5 | 11.0 | 154 | 587 (+8) | 116 | 10.5 | |

- (1) Mean of maximum and minimum
- (2) Number of nights grass min. was below 0.0 C
- (3) Number of days rainfall was 0.2 mm or more
- (4) At 2 metres above ground level
- *Mean or total