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# Yields of the Field Experiments 2003 

## Weather Monthly Summary

## Rothamsted Research

Rothamsted Research (2004) Weather Monthly Summary ; Yields Of The Field Experiments 2003, pp 51-52-DOI: https://doi.org/10.23637/ERADOC-1-260

| Rothamsted Experimental Station |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| The Weather : Monthly Summary : 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (Deparatur fom 30-year means (1971-200) in brackets) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sunshine |  | Mean temperatures oC |  |  |  |  |  |  |  | Rain |  |  | Dranage | Wind |
|  |  |  | Maximum |  | Minimum |  | Dev | Ground Inground under grass |  |  | Total mm |  | $\begin{array}{\|c\|} \hline \text { Rain } \\ \hline \text { days } * * \\ \hline \end{array}$ | 20 inch <br> mm | *** |
|  | Hours | () |  | () |  | () | point | frosts* | 30 cm | 100 cm |  | frall |  |  | kmhr |
| January | 67.8 | (+12.7) | 6.51 | (+0.17) | 1.26 | (+0.4) | 2.24 | 14 | 5.22 | 7.36 | 96.0 | (+26.3) | 21 | 68.0 | 11.2 |
| February | 94.2 | ( +23.5 ) | 6.91 | (+0.20) | 0.40 | (-0.34) | 0.95 | 20 | 4.05 | 6.05 | 25.6 | (-23.2) | 11 | 27.8 | 7.9 |
| March | 168.0 | (60.8) | 12.09 | (+2.60) | 2.48 | (+0.15) | 3.82 | 19 | 6.67 | 6.73 | 23.5 | (-30.4) | 8 | 12.6 | 8.3 |
| April | 186.4 | (+39.6) | 14.18 | (+2.24) | 4.24 | (+0.62) | 4.56 | 13 | 8.92 | 8.37 | 37.7 | (-15.8) | 8 | 0.0 | 8.5 |
| May | 196.0 | (+1.1) | 16.92 | (+1.17) | 7.40 | (+1.08) | 8.35 | 2 | 12.37 | 10.75 | 43.2 | (-6.5) | 14 | 5.8 | 6.6 |
| June | 220.6 | (+30.3) | 21.35 | (+2.75) | 11.18 | (+1.97) | 11.9 | 0 | 16.44 | 13.95 | 45.1 | (-15.1) | 12 | 0.0 | 5.4 |
| July | 204.5 | (+1.2) | 22.9 | (+1.48) | 12.89 | (+1.53) | 12.5 | 0 | 17.7 | 15.88 | 39.6 | (-2.5) | 14 | 0.0 | 5.6 |
| August | 247.4 | ( +50.6$)$ | 24.95 | (+3.52) | 13.40 | ( +2.05 ) | 12.5 | 0 | 18.64 | 17.12 | 2.3 | (-51.4) | 3 | 0.0 | 8.0 |
| September | 188.5 | ( +46.2 ) | 20.47 | (+2.48) | 8.58 | (-0.80) | 9.98 | 3 | 15.56 | 16.07 | 15.1 | (-4.9) | 5 | 0.0 | 4.6 |
| October | 145.8 | (+33.7) | 13.28 | (-0.46) | 5.06 | (-1.59) | 5.98 | 13 | 11.37 | 13.41 | 37.9 | (-36.8) | 13 | 0.0 | 8.9 |
| Norember | 80.3 | (+10.2) | 11.17 | (+1.79) | 5.36 | (+2.03) | 6.83 | 7 | 9.35 | 10.93 | 137.4 | (771.2) | 19 | 104.1 | 7.6 |
| December | 63.4 | (+15.3) | 7.37 | (+0.18) | 1.85 | (-0.07) | 2.76 | 17 | 6.16 | 8.33 | 90.6 | (+20.5) | 24 | 40.5 | 8.5 |
| Year | 1862.9 |  | 14.84 |  | 6.18 |  |  | 108 |  |  | 594 |  | 152 | 258.8 |  |
| * Number of nights grass minimum was below 0.00 C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ** Number of days rain was 0.2 mm ormore |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *** A2 metres boove ground |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Woburn Experimental Farm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| The Weather : Monthly Summary : 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (Depature from 30-year means (1971-200) in brackets) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sunshine |  | Mean temperatures oC |  |  |  |  |  |  |  | Rain |  |  | $\begin{gathered} \text { Wind } \\ \hline \text { K** } \\ \hline \mathrm{km} / \mathrm{hr} \end{gathered}$ |
|  |  |  | Maximum |  | Minimum |  | $\frac{\text { Dew }}{\text { point }}$ | Ground Inground under grass |  |  | Total mm |  | $\frac{\operatorname{Rain}}{\mid \text { days** }}$ |  |
|  | Hours | () |  | () |  | () |  | frosts* | 30 cm | 100 cm | Tipping | bucket |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | () |  |  |
| Janaary | 79.20 | (+30.7) | 6.65 | (-0.07) | 1.42 | (t0.38) | 3.12 | 12 | 5.27 | 7.17 | 74.4 | (+19.1) | 20 | 9.85 |
| February | 110.30 | (+46.3) | 8.10 | (+1.01) | -0.14 | (-0.96) | 0.94 | 19 | 4.04 | 5.94 | 17.6 | (-23.0) | 15 | 6.08 |
| March | 181.00 | (+79.7) | 13.50 | (+3.62) | 2.07 | (-0.32) | 3.26 | 13 | 6.37 | 6.51 | 20.2 | (-29.4) | 11 | 6.94 |
| April | 184.90 | (+49.1) | 14.68 | (+2.43) | 3.30 | (-0.11) | 3.67 | 9 | 8.45 | 7.88 | 28.3 | (-24.4) | 11 | 17.06 |
| May | 193.90 | (+10.8) | 16.96 | (+0.92) | 7.23 | (+1.19) | 7.95 | 1 | 11.38 | 9.87 | 18.0 | (-34.7) | 10 | 8.79 |
| June | 221.70 | (+4.8) | 21.83 | (+2.89) | 10.52 | (+1.51) | 12.22 | 0 | 14.90 | 12.30 | 53.6 | (-5.2) | 12 | 5.97 |
| July | 197.90 | ( +4.2 ) | 22.72 | (+1.00) | 12.67 | (+1.19) | 12.62 | 0 | 16.59 | 14.16 | 47.4 | (+1.8) | 14 | 6.60 |
| August | 224.50 | (+39.9) | 24.93 | (+3.34) | 11.96 | (+0.86) | 12.97 | 0 | 17.60 | 15.65 | 5.2 | (-49.3) | 4 | 4.53 |
| September | 185.00 | (+53.8) | 20.84 | (+2.59) | 7.90 | (-1.39) | 9.67 | 3 | 14.57 | 14.93 | 20.8 | (-37.3) | 13 | 4.62 |
| October | 140.10 | (+36.3) | 13.68 | (-0.37) | 3.97 | (-2.51) | 5.66 | 13 | 10.43 | 12.69 | 38.0 | (-26.4) | 20 | 6.64 |
| November | 77.80 | (+14.4) | 11.44 | (+1.81 | 5.48 | (+2.09) | 6.49 | 6 | 9.02 | 10.63 | 101.8 | (+44.6) | 21 | 8.25 |
| December | 61.30 | (+19.7) | 7.72 | (+0.21) | 1.25 | (-0.66) | 2.70 | 15 | 6.36 | 8.83 | 73.6 | (+14.1) | 23 | 7.83 |
| Year | 1857.6 |  |  |  |  |  |  | 91 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{*}$ Number of nights grass minimum was below 0.0 OC |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ** Number of days rain was 0.2 mm or more |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *** At 2 meteres above ground |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

