

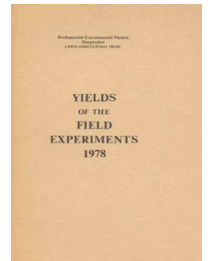
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# Yields of the Field Experiments 1978

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## 78/E/1 Meteorological Records 1978 - Woburn and Saxmundham

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78/E/1

## METEOROLOGICAL RECORDS 1978 - WOBURN

(Departure from long-period means in brackets)

| MONTH | Total<br>sunshine:<br>hours | Mean temperature: C |              |                          |           |                     |           | Total<br>rainfall: mm<br>12.7 cm<br>(5in) gauge | Rain(3)<br>days | Wind(4)<br>km per<br>hour |
|-------|-----------------------------|---------------------|--------------|--------------------------|-----------|---------------------|-----------|-------------------------------------------------|-----------------|---------------------------|
|       |                             | Air(1)              | Dew<br>point | In ground<br>under grass |           |                     |           |                                                 |                 |                           |
|       |                             |                     |              | 30<br>cm                 | 100<br>cm | Ground(2)<br>frosts |           |                                                 |                 |                           |
|       |                             |                     |              |                          |           |                     |           |                                                 |                 |                           |
| JAN   | 40 (-10)                    | 2.4 (-0.8)          | 0.9          | 4.3                      | 7.0       | 21                  | 71 (+17)  | 19                                              | 10.4            |                           |
| FEB   | 47 (-18)                    | 2.4 (-1.1)          | 2.1          | 3.3                      | 5.5       | 21                  | 53 (+12)  | 18                                              | 8.3             |                           |
| MAR   | 113 ( -2)                   | 6.6 (+1.2)          | 4.3          | 6.1                      | 6.2       | 17                  | 65 (+22)  | 22                                              | 12.8            |                           |
| APR   | 102 (-40)                   | 6.2 (-1.8)          | 3.3          | 7.1                      | 7.0       | 17                  | 50 ( +5)  | 16                                              | 8.3             |                           |
| MAY   | 190 ( +7)                   | 10.7 (-0.3)         | 7.9          | 10.9                     | 8.8       | 8                   | 54 ( 0)   | 9                                               | 5.6             |                           |
| JUNE  | 151 (-49)                   | 13.5 (-0.7)         | 10.3         | 14.8                     | 11.9      | 2                   | 54 ( +4)  | 13                                              | 7.4             |                           |
| JULY  | 131 (-50)                   | 14.9 (-1.1)         | 11.9         | 15.8                     | 13.3      | 0                   | 64 (+11)  | 11                                              | 7.8             |                           |
| AUG   | 143 (-29)                   | 14.8 (-1.0)         | 12.8         | 16.5                     | 14.6      | 1                   | 44 (-17)  | 12                                              | 6.1             |                           |
| SEPT  | 146 (+12)                   | 14.4 (+0.8)         | 11.6         | 14.8                     | 14.4      | 3                   | 30 (-23)  | 9                                               | 10.6            |                           |
| OCT   | 83 (-18)                    | 11.5 (+1.5)         | 9.5          | 12.1                     | 13.0      | 7                   | 3 (-51)   | 5                                               | 6.3             |                           |
| NOV   | 77 (+16)                    | 8.0 (+1.8)          | 6.0          | 9.8                      | 11.6      | 9                   | 26 (-38)  | 7                                               | 10.2            |                           |
| DEC   | 27 (-17)                    | 3.7 (-0.2)          | 2.3          | 5.5                      | 8.5       | 15                  | 107 (+55) | 22                                              | 8.8             |                           |
| YEAR* | 1250(-198)                  | 9.1 (-0.1)          | 6.9          | 10.1                     | 10.1      | 121                 | 621 ( -3) | 163                                             | 8.5             |                           |

## METEOROLOGICAL RECORDS 1978 - SAXMUNDHAM

| MONTH | Mean temperature: C |              |                                 |  |                     | Total<br>rainfall :mm<br>12.7 cm<br>(5 in) gauge | Wind(4)<br>km<br>per<br>hour |      |
|-------|---------------------|--------------|---------------------------------|--|---------------------|--------------------------------------------------|------------------------------|------|
|       | Air(1)              | Dew<br>point | In ground<br>under<br>bare soil |  | Ground(2)<br>frosts |                                                  |                              |      |
|       |                     |              | 30 cm                           |  |                     |                                                  |                              |      |
| JAN   | 3.4 (-1.0)          | 1.7          | 3.7                             |  | 18                  | 63 ( +5)                                         | 14                           | 13.9 |
| FEB   | 2.6 (-1.2)          | 1.7          | 3.1                             |  | 17                  | 41 ( -1)                                         | 11                           | 13.4 |
| MAR   | 6.6 (+1.4)          | 4.4          | 5.8                             |  | 14                  | 73 (+35)                                         | 18                           | 14.8 |
| APR   | 6.3 (-0.9)          | 4.4          | 6.9                             |  | 15                  | 44 (+10)                                         | 11                           | 12.4 |
| MAY   | 10.8 ( 0.0)         | 8.3          | 11.0                            |  | 2                   | 17 (-23)                                         | 5                            | 9.2  |
| JUNE  | 13.9 ( 0.0)         | 13.3         | 15.7                            |  | 1                   | 81 (+46)                                         | 11                           | 8.5  |
| JULY  | 14.8 (-1.2)         | 13.9         | 15.6                            |  | 0                   | 38 (-18)                                         | 10                           | 7.5  |
| AUG   | 15.4 (-0.9)         | 13.3         | 29.6                            |  | 0                   | 33 (-15)                                         | 13                           | 7.4  |
| SEPT  | 14.2 (+0.3)         | 11.7         | 14.4                            |  | 2                   | 39 (-36)                                         | 9                            | 11.0 |
| OCT   | 11.9 (+1.0)         | 8.9          | 12.2                            |  | 2                   | 8 (-34)                                          | 4                            | 8.0  |
| NOV   | 8.8 (+2.5)          | 3.9          | 8.9                             |  | 8                   | 20 (-62)                                         | 6                            | 12.2 |
| DEC   | 4.6 ( 0.0)          | 1.7          | 5.8                             |  | 12                  | 120 (+77)                                        | 12                           | 13.3 |
| YEAR* | 9.4 ( 0.0)          | 7.3          | 11.1                            |  | 91                  | 577 (-16)                                        | 124                          | 11.0 |

(1)Mean of maximum and minimum

(2)Number of nights grass min. was below 0.0 C

\*Mean or total

(3)Number of days rainfall  
was 0.2 mm or more

(4)At 2 metres above ground level