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# Yields of the Field Experiments 1987

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## 87/E/1 Meteorological Records for 1987 - Woburn

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# METEOROLOGICAL RECORDS 1987 - WOBURN

(Departure from long-period means in brackets)

| MONTH | Mean temperature: C         |             |              |                          |           |                         |                                                    |  |                     |                                  |
|-------|-----------------------------|-------------|--------------|--------------------------|-----------|-------------------------|----------------------------------------------------|--|---------------------|----------------------------------|
|       | Total<br>sunshine:<br>hours | Air(1)      | Dew<br>point | In ground<br>under grass |           | Ground<br>frosts<br>(2) | Total<br>rainfall:<br>mm<br>12.7 cm<br>(5in) gauge |  | Rain<br>days<br>(3) | Wind<br>km<br>per<br>hour<br>(4) |
|       |                             |             |              | 30<br>cm                 | 100<br>cm |                         |                                                    |  |                     |                                  |
| JAN   | 47 ( -4)                    | 0.0 (-3.3)  | -1.0         | 3.3                      | 6.4       | 23                      | 18 ( -35)                                          |  | 12                  | 4.8                              |
| FEB   | 46 ( -15)                   | 4.3 (+1.0)  | 2.5          | 3.7                      | 5.4       | 18                      | 29 ( -13)                                          |  | 14                  | 7.2                              |
| MAR   | 90 ( -17)                   | 3.9 (-1.4)  | 1.9          | 4.7                      | 5.4       | 21                      | 48 ( -1)                                           |  | 18                  | 9.3                              |
| APR   | 150 ( +18)                  | 10.3 (+2.6) | 7.4          | 9.3                      | 7.2       | 9                       | 56 ( +11)                                          |  | 12                  | 7.2                              |
| MAY   | 157 ( -26)                  | 10.2 (-0.9) | 6.6          | 11.8                     | 9.9       | 12                      | 48 ( -3)                                           |  | 14                  | 7.0                              |
| JUNE  | 129 ( -64)                  | 12.9 (-1.1) | 10.5         | 14.4                     | 11.6      | 1                       | 109 ( +53)                                         |  | 22                  | 6.4                              |
| JULY  | 168 ( -8)                   | 15.6 (-0.2) | 12.2         | 17.7                     | 14.7      | 0                       | 72 ( +21)                                          |  | 14                  | 5.5                              |
| AUG   | 156 ( -7)                   | 15.5 (-0.1) | 12.6         | 17.1                     | 15.2      | 1                       | 48 ( -19)                                          |  | 13                  | 5.5                              |
| SEPT  | 137 ( +2)                   | 13.8 (+0.3) | 11.2         | 15.6                     | 15.1      | 4                       | 38 ( -17)                                          |  | 16                  | 6.7                              |
| OCT   | 119 ( +19)                  | 9.6 (-0.7)  | 7.6          | 11.4                     | 13.0      | 7                       | 152 (+100)                                         |  | 20                  | 6.5                              |
| NOV   | 36 ( -26)                   | 6.1 (-0.1)  | 4.3          | 8.4                      | 10.5      | 12                      | 57 ( -3)                                           |  | 14                  | 7.4                              |
| DEC   | 21 ( -25)                   | 5.3 (+1.0)  | 3.7          | 5.9                      | 8.1       | 14                      | 25 ( -34)                                          |  | 10                  | 9.4                              |
| YEAR* | 1255 (-154)                 | 8.9 (-0.2)  | 6.6          | 10.3                     | 10.2      | 122                     | 698 ( +61)                                         |  | 179                 | 6.9                              |

(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