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# Yields of the Field Experiments 2008

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Results of the  
Classical and other  
Long-term Experiments  
2008

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## Rothamsted- the Weather: Monthly Summary

### Rothamsted Research

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Rothamsted Experimental Station

The Weather : Monthly Summary : 2008

(Departure from 30-year means (1971 - 2000) in brackets)

|           | Sunshine |         | Mean temperatures °C |        |         |        |          |        |                       | Rain               |          | Drainage | Wind    |       |      |
|-----------|----------|---------|----------------------|--------|---------|--------|----------|--------|-----------------------|--------------------|----------|----------|---------|-------|------|
|           | Hours    | ( )     | Maximum              |        | Minimum |        | Dew      | Ground | In ground under grass |                    | Total mm | Rain     | 20 inch | ***   |      |
|           |          |         | ( )                  | ( )    | ( )     | point  | frosts * | 30 cm  | 100 cm                | 12cm(5") turf wall | days **  | mm       | km/hr   |       |      |
| January   | 73.3     | (+18.3) | 9.3                  | (+2.9) | 3.5     | (+2.6) | 4.0      | 11     | 6.2                   | 7.5                | 103.2    | (+33.5)  | 24      | 76.3  | 13.8 |
| February  | 145.5    | (+74.8) | 9.7                  | (+3.0) | 1.1     | (+0.4) | 1.7      | 20     | 5.2                   | 6.9                | 21.9     | (-26.9)  | 13      | 8.5   | 10.3 |
| March     | 122.4    | (+15.2) | 9.3                  | (-0.2) | 2.5     | (+0.2) | 1.5      | 15     | 6.4                   | 7.2                | 108.5    | (+54.6)  | 22      | 53.6  | 13.3 |
| April     | 160.0    | (+13.2) | 12.3                 | (+0.3) | 3.8     | (+0.1) | 4.2      | 14     | 8.5                   | 8.0                | 53.5     | (+0.0)   | 22      | 8.1   | 10.1 |
| May       | 193.2    | (-1.7)  | 18.0                 | (+2.2) | 8.8     | (+2.4) | 9.3      | 5      | 12.8                  | 11.1               | 87.0     | (+37.3)  | 14      | 48.7  | 9.3  |
| June      | 229.0    | (+38.7) | 18.8                 | (+0.2) | 10.2    | (+1.0) | 9.4      | 1      | 15.7                  | 13.5               | 35.3     | (-24.9)  | 13      | 10.0  | 8.4  |
| July      | 194.7    | (-8.6)  | 20.9                 | (-0.5) | 12.2    | (+0.9) | 11.8     | 0      | 16.6                  | 14.8               | 90.3     | (+48.2)  | 17      | 38.0  | 8.2  |
| August    | 121.2    | (-75.6) | 20.1                 | (-1.4) | 13.1    | (+1.7) | 13.3     | 0      | 17.0                  | 15.7               | 107.8    | (+54.1)  | 25      | 20.6  | 8.8  |
| September | 127.4    | (-14.9) | 17.1                 | (-0.9) | 9.9     | (+0.5) | 10.7     | 1      | 15.5                  | 15.3               | 66.2     | (+5.2)   | 18      | 32.4  | 7.8  |
| October   | 139.6    | (+27.5) | 13.6                 | (-0.2) | 5.3     | (-1.3) | 7.2      | 14     | 11.9                  | 13.3               | 74.3     | (-0.4)   | 24      | 27.8  | 8.8  |
| November  | 53.9     | (-16.2) | 9.5                  | (+0.1) | 4.2     | (+0.8) | 4.7      | 10     | 8.5                   | 10.6               | 91.1     | (+24.9)  | 24      | 62.4  | 10.6 |
| December  | 76.3     | (+28.2) | 5.9                  | (-1.3) | 0.8     | (-1.1) | 1.1      | 21     | 5.3                   | 7.8                | 42.0     | (-28.1)  | 15      | 34.6  | 9.5  |
| Year      | 1636.5   | (+98.8) | 13.7                 | (+0.4) | 6.3     | (+0.7) |          | 112    |                       |                    | 881.1    | (+177.5) | 231     | 420.9 |      |

\* Number of nights grass minimum was below 0.0 °C

\*\* Number of days rain was 0.2 mm or more

\*\*\* At 2 metres above ground