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## Yields of the Field Experiments 1990

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### 90/E/1 Meteorological Records 1990 - Rothamsted

#### Rothamsted Research

Rothamsted Research (1991) *90/E/1 Meteorological Records 1990 - Rothamsted* ; Yields Of The Field Experiments 1990, pp 175 - 175 - DOI: <https://doi.org/10.23637/ERADOC-1-42>

### METEOROLOGICAL RECORDS 1990 - ROTHAMSTED

(Departure from 30-year means in brackets)

MONTH	Total sunshine:		Mean temperature: C			
	hours	Air(1)	Dew point	In ground under grass		
				30cm	100cm	
JAN	61 (+11)	5.8 (+3.0)	4.2	6.4	7.7	
FEB	95 (+33)	7.0 (+3.9)	4.0	6.4	7.2	
MAR	150 (+42)	7.8 (+2.6)	4.5	7.6	7.6	
APR	228 (+88)	7.5 (-0.2)	3.6	8.6	8.3	
MAY	264 (+76)	12.1 (+1.0)	7.6	12.5	10.5	
JUNE	130 (-67)	13.2 (-0.8)	9.3	13.8	12.0	
JULY	268 (+87)	16.8 (+1.1)	11.0	16.0	13.7	
AUG	250 (+83)	18.1 (+2.5)	12.7	17.4	15.2	
SEPT	155 (+15)	12.9 (-0.6)	9.2	14.5	14.7	
OCT	129 (+29)	11.7 (+1.5)	9.2	12.5	13.0	
NOV	59 (-2)	6.5 (+0.5)	5.1	9.0	10.9	
DEC	51 (+5)	3.7 (-0.4)	1.4	5.9	8.4	
YEAR*	1840 (+399)	10.3 (+1.1)	6.8	10.9	10.8	

MONTH	Total rainfall:mm		Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
	Ground frosts (2)	12.7cm (5 in) gauge			
JAN	17	97 (+34)	22	78	10.9
FEB	17	109 (+57)	17	69	15.8
MAR	18	16 (-36)	5	3	10.3
APR	23	27 (-21)	14	0	8.2
MAY	17	2 (-50)	3	0	5.0
JUNE	6	52 (-6)	14	0	5.4
JULY	3	15 (-37)	6	0	6.8
AUG	0	52 (-9)	10	10	6.6
SEPT	7	37 (-22)	12	5	7.3
OCT	8	91 (+31)	14	55	8.6
NOV	14	39 (-30)	17	23	8.4
DEC	23	62 (-7)	16	47	9.4
YEAR*	153	597 (-96)	150	290	8.6

30-year means are for the period 1951-80

- (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