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Yields of the Field Experiments 1989

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89/E/1 Meteorological Records 1989 - Rothamsted

Rothamsted Research

Rothamsted Research (1990) *89/E/1 Meteorological Records 1989 - Rothamsted* ; Yields Of The Field Experiments 1989, pp 206 - 206 - DOI: <https://doi.org/10.23637/ERADOC-1-40>

METEOROLOGICAL RECORDS 1989 - ROTHAMSTED

(Departure from 30-year means in brackets)

MONTH	Total sunshine: hours	Mean temperature: C			
		Air(1)	Dew point	In ground under grass	
				30cm	100cm
JAN	64 (+15)	5.2 (+2.4)	3.5	6.5	7.8
FEB	92 (+31)	5.4 (+2.3)	3.2	5.9	7.0
MAR	104 (-5)	7.6 (+2.4)	5.0	6.9	7.1
APR	134 (-6)	6.3 (-1.5)	3.8	8.1	7.9
MAY	297 (+109)	12.9 (+1.9)	8.9	12.3	9.9
JUNE	254 (+57)	14.3 (+0.3)	9.0	14.4	12.1
JULY	282 (+101)	18.2 (+2.5)	12.7	16.8	14.1
AUG	273 (+106)	16.9 (+1.2)	11.8	16.4	15.0
SEPT	122 (-18)	15.2 (+1.6)	11.3	15.1	14.5
OCT	106 (+6)	11.5 (+1.3)	9.3	12.5	13.2
NOV	113 (+51)	5.6 (-0.3)	4.0	8.8	11.1
DEC	26 (-20)	5.1 (+1.0)	4.3	6.5	8.4
YEAR*	1868 (+427)	10.4 (+1.2)	7.2	10.9	10.7

MONTH	Ground frosts (2)	Total rainfall:mm		Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
		12.7cm (5 in) gauge				
JAN	19	39 (-24)		12	27	6.8
FEB	22	53 (+1)		16	34	11.1
MAR	14	61 (+9)		17	38	10.3
APR	15	98 (+51)		21	58	8.7
MAY	9	4 (-47)		4	1	6.3
JUNE	7	28 (-30)		10	0	6.0
JULY	1	47 (-5)		10	6	6.3
AUG	1	38 (-24)		8	0	7.2
SEPT	2	15 (-44)		10	0	6.9
OCT	7	63 (+4)		17	23	8.6
NOV	22	39 (-31)		14	31	6.1
DEC	14	157 (+88)		19	139	7.8
YEAR*	133	641 (-52)		158	357	7.7

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