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Yields of the Field Experiments 1983

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83/E/1 Meteorological Records 1983 - Rothamsted

Rothamsted Research

Rothamsted Research (1984) *83/E/1 Meteorological Records 1983 - Rothamsted ; Yields Of The Field Experiments 1983*, pp 323 - 323 - DOI: <https://doi.org/10.23637/ERADOC-1-44>

METEOROLOGICAL RECORDS 1983 - ROTHAMSTED

(Departure from long-period means in brackets)

MONTH	Total sunshine: hours	Air(1)	Mean temperature: C		
			Dew point	In ground under grass	
				30cm	100cm
JAN	49 (-3)	5.9 (+3.0)	4.0	6.0	7.1
FEB	74 (+8)	1.1 (-2.3)	-1.3	3.5	5.9
MAR	98 (-17)	5.9 (+0.7)	3.6	5.8	5.9
APR	142 (-8)	6.7 (-0.9)	3.9	7.2	6.8
MAY	120 (-74)	10.1 (-0.9)	6.9	11.0	9.1
JUNE	185 (-16)	14.2 (+0.2)	10.0	14.5	11.9
JULY	262 (+72)	19.5 (+3.6)	14.7	17.6	14.6
AUG	225 (+45)	17.4 (+1.8)	12.3	17.2	15.8
SEPT	111 (-33)	13.7 (+0.3)	10.6	14.6	14.8
OCT	115 (+12)	10.0 (+0.5)	7.5	12.5	13.5
NOV	46 (-16)	7.1 (+1.2)	5.2	9.4	11.1
DEC	58 (+12)	4.8 (+1.0)	3.0	6.6	8.6
YEAR*	1484 (-18)	9.7 (+0.6)	6.7	10.5	10.4

MONTH	Ground frosts (2)	Total rainfall:mm 0.000405 ha (1/1000 acre) gauge	Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
JAN	17	71 (+7)	20	49	14.8
FEB	25	41 (-8)	13	29	13.1
MAR	22	48 (-2)	19	18	10.9
APR	18	126 (+76)	22	78	10.4
MAY	4	99 (+45)	22	46	7.9
JUNE	2	27 (-29)	7	4	7.9
JULY	0	36 (-26)	6	0	5.7
AUG	2	15 (-49)	4	0	6.9
SEPT	2	84 (+23)	16	6	9.4
OCT	11	44 (-29)	13	19	10.1
NOV	11	52 (-19)	12	31	7.5
DEC	21	66 (-1)	20	56	10.3
YEAR*	135	709 (-14)	174	337	9.6

(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