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Yields of the Field Experiments 1984

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84/E/1 Meteorological Records 1984 - Rothamsted

Rothamsted Research

Rothamsted Research (1985) *84/E/1 Meteorological Records 1984 - Rothamsted* ; Yields Of The Field Experiments 1984, pp 344 - 344 - DOI: <https://doi.org/10.23637/ERADOC-1-32>

METEOROLOGICAL RECORDS 1984 - ROTHAMSTED

(Departure from long-period means in brackets)

MONTH	Total sunshine: hours	Mean temperature: C			
		Air(1)	Dew point	In ground under grass	
				30cm	100cm
JAN	91 (+40)	3.3 (+0.4)	1.0	4.9	7.2
FEB	72 (+5)	2.9 (-0.5)	0.8	4.2	5.8
MAR	45 (-69)	4.4 (-0.8)	2.0	5.1	5.8
APR	233 (+83)	7.5 (-0.2)	1.4	7.4	6.7
MAY	136 (-57)	9.1 (-2.0)	5.7	10.1	8.9
JUNE	242 (+41)	14.2 (+0.2)	10.5	14.7	11.5
JULY	228 (+38)	16.5 (+0.6)	11.5	16.1	13.8
AUG	201 (+21)	17.6 (+2.0)	13.3	16.9	14.9
SEPT	100 (-44)	13.3 (-0.1)	10.4	14.5	14.5
OCT	93 (-10)	10.9 (+1.3)	9.4	12.1	12.7
NOV	50 (-12)	7.9 (+2.0)	6.3	9.8	11.2
DEC	48 (+3)	4.7 (+0.9)	3.5	6.7	9.0
YEAR*	1541 (+39)	9.3 (+0.3)	6.3	10.2	10.2

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)
FEB	22	49 (0)	14	34	10.6
MAR	22	66 (+16)	14	42	9.4
APR	22	8 (-42)	6	1	8.0
MAY	14	82 (+27)	14	22	9.0
JUNE	3	56 (0)	10	17	6.5
JULY	0	14 (-48)	7	0	5.5
AUG	0	49 (-15)	10	0	5.9
SEPT	3	98 (+37)	15	26	7.2
OCT	12	91 (+17)	17	60	7.8
NOV	10	112 (+41)	24	89	8.5
DEC	21	63 (-4)	23	56	6.8
YEAR*	157	787 (+64)	175	426	8.2

(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