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Yields of the Field Experiments 1981

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Meteorological Records 1981 - Rothamsted

Rothamsted Research

Rothamsted Research (1982) *Meteorological Records 1981 - Rothamsted* ; Yields Of The Field Experiments 1981, pp 342 - 342 - DOI: <https://doi.org/10.23637/ERADOC-1-35>

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METEOROLOGICAL RECORDS 1981 - 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	61 (+9)	4.0 (+1.1)	1.5	5.1	6.7
FEB	74 (+7)	2.4 (-0.9)	0.3	4.2	6.1
MAR	53 (-61)	7.7 (+2.5)	5.9	6.8	6.3
APR	126 (-24)	7.2 (-0.4)	3.9	8.4	8.0
MAY	117 (-77)	10.9 (-0.1)	7.9	10.7	9.2
JUN	148 (-54)	12.8 (-1.2)	9.1	13.7	11.7
JUL	137 (-54)	15.3 (-0.5)	12.0	14.9	13.0
AUG	206 (+27)	16.3 (+0.6)	12.7	16.1	14.3
SEP	149 (+5)	14.3 (+0.9)	11.4	14.9	14.5
OCT	109 (+6)	8.1 (-1.4)	5.7	11.2	12.7
NOV	56 (-6)	6.8 (+1.0)	5.0	8.7	10.2
DEC	49 (+3)	-0.3 (-4.0)	-1.5	4.4	7.7
YEAR*	1286 (-218)	8.8 (-0.2)	6.1	9.9	10.0

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	19 (-30)	9	4	10.3
MAR	8	123 (+74)	28	91	12.7
APR	12	49 (+0)	9	25	10.9
MAY	5	86 (+32)	20	42	7.6
JUN	1	36 (-21)	11	10	8.7
JUL	0	65 (+3)	12	12	6.5
AUG	1	44 (-20)	8	21	5.3
SEP	0	99 (+38)	16	40	6.9
OCT	15	78 (+5)	22	46	9.2
NOV	18	48 (-23)	16	31	9.4
DEC	29	59 (-8)	17	78	8.9
YEAR*	131	752 (+30)	186	432	8.9

- (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