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Yields of the Field Experiments 1980

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80/E/1 Meteorological Records 1980 - Rothamsted

80/E/1 Meteorological Records 1980 - Rothamsted, Rothamsted Research (1981) Yields Of The Field Experiments 1980, pp 339 - 339 - DOI: <https://doi.org/10.23637/ERADOC-1-31>

80/E/1

METEOROLOGICAL RECORDS 1980 - 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	71 (+20)	1.7 (-1.1)	0.1	3.2	5.7
FEB	54 (-13)	5.1 (+1.7)	3.7	5.3	5.7
MAR	83 (-32)	4.3 (-0.9)	2.2	5.4	6.1
APR	149 (-1)	8.0 (+0.3)	3.5	8.0	7.2
MAY	213 (+19)	10.4 (-0.7)	5.3	10.0	8.8
JUNE	178 (-24)	13.8 (-0.3)	10.1	13.7	11.4
JULY	160 (-31)	14.3 (-1.8)	11.1	14.5	12.6
AUG	154 (-26)	16.1 (+0.4)	12.4	15.9	14.2
SEPT	143 (-1)	14.5 (+1.1)	11.8	14.7	14.0
OCT	129 (+27)	8.6 (-1.1)	6.5	11.2	12.3
NOV	68 (+6)	5.7 (-0.1)	3.6	8.2	9.9
DEC	58 (+13)	4.5 (+0.7)	2.9	5.9	8.0
YEAR*	1460 (-43)	8.9 (-0.1)	6.1	9.7	9.7

MONTH	Ground(2) frosts	Total rainfall:mm 0.000405 ha (1/1000 acre) gauge	Rain(3) days	Drainage through 50.8cm (20 in) soil:mm	Wind(4) km per hour
JAN	28	36.9 (-27.6)	13	26.9	8.6
FEB	19	48.9 (-0.7)	14	35.8	8.0
MAR	20	85.2 (+36.1)	20	49.7	10.6
APR	20	32.7 (-16.9)	10	15.3	9.5
MAY	8	20.7 (-33.7)	6	TRACE	9.6
JUNE	1	73.8 (+17.6)	18	1.7	7.7
JULY	0	83.6 (+21.2)	15	32.6	7.4
AUG	1	52.2 (-12.5)	10	16.6	7.2
SEPT	0	25.8 (-34.9)	11	TRACE	7.4
OCT	11	100.6 (+27.4)	18	59.6	9.1
NOV	18	47.1 (-24.1)	20	27.3	13.5
DEC	22	45.1 (-22.0)	18	35.4	13.1
YEAR*	148	652.6 (-70.1)	173	300.9	9.3

(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