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## Yields of the Field Experiments 1977

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### 77/E/1 Meteorological Records 1977 - Rothamsted

#### Rothamsted Research

Rothamsted Research (1978) *77/E/1 Meteorological Records 1977 - Rothamsted* ; Yields Of The Field Experiments 1977, pp 410 - 410 - DOI: <https://doi.org/10.23637/ERADOC-1-29>

77/E/1

METEOROLOGICAL RECORDS 1977 - 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	41 (-10)	2.3 (-0.7)	0.9	3.4	5.4
FEB	67 (-1)	5.0 (+1.7)	3.0	4.9	5.5
MAR	90 (-25)	6.5 (+1.3)	4.3	6.3	6.5
APR	160 (+9)	6.9 (-0.7)	3.5	6.8	6.7
MAY	220 (+27)	10.2 (-0.9)	6.2	10.3	8.7
JUNE	131 (-73)	11.7 (-2.3)	8.5	12.3	10.9
JULY	198 (+6)	15.4 (-0.5)	11.3	15.2	13.2
AUG	133 (-48)	15.0 (-0.7)	12.1	15.2	13.9
SEPT	119 (-25)	13.3 (-0.1)	10.0	14.2	13.7
OCT	106 (+3)	11.5 (+2.0)	9.3	12.3	12.6
NOV	88 (+26)	6.1 (+0.3)	3.7	8.8	10.8
DEC	42 (-3)	5.5 (+1.8)	3.7	6.5	8.0
YEAR*	1395 (-114)	9.1 (+0.1)	6.3	9.6	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
FEB	16	110 (+61)	24	97	9.7
MAR	18	56 (+8)	17	32	10.9
APR	19	33 (-17)	17	1	11.6
MAY	7	44 (-10)	13	15	11.2
JUNE	3	79 (+24)	18	27	8.7
JULY	0	9 (-55)	8	TRACE	8.0
AUG	0	122 (+58)	16	57	6.2
SEPT	0	25 (-36)	11	6	7.4
OCT	1	54 (-19)	18	18	6.7
NOV	15	63 (-8)	20	40	13.7
DEC	11	63 (-3)	20	55	10.1
YEAR*	114	730 (+11)	201	419	9.4

(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