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# Yields of the Field Experiments 1987

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## 87/E/1 Meteorological Records for 1987 - Rothamsted

### Rothamsted Research

Rothamsted Research (1988) *87/E/1 Meteorological Records for 1987 - Rothamsted* ; Yields Of The Field Experiments 1987, pp 279 - 279 - DOI: <https://doi.org/10.23637/ERADOC-1-37>

METEOROLOGICAL RECORDS 1987 - 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	61 ( +1)	0.0 (-2.8)	-2.1	3.4	6.1
FEB	58 ( -4)	3.1 ( 0.0)	1.5	3.7	5.1
MAR	96 ( -13)	3.5 (-1.7)	1.1	4.5	5.2
APR	147 ( +8)	10.0 (+2.3)	7.1	8.6	6.9
MAY	195 ( +6)	9.6 (-1.5)	6.2	11.0	9.4
JUNE	120 ( -77)	12.7 (-1.3)	10.2	13.8	11.4
JULY	174 ( -7)	15.4 (-0.3)	12.3	16.4	13.9
AUG	149 ( -18)	15.4 (-0.3)	12.6	16.2	14.5
SEPT	142 ( +2)	13.4 (-0.2)	10.8	15.3	14.5
OCT	124 ( 24)	9.7 (-0.5)	8.0	11.7	12.7
NOV	44 ( -18)	5.8 (-0.1)	4.6	8.7	10.4
DEC	29 ( -17)	5.3 (+1.2)	3.9	6.4	8.0
YEAR*	1338 (-103)	8.7 (-0.5)	6.3	10.0	9.8

  

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	18	28 ( -24)	13	15	7.9
MAR	23	56 ( +4)	20	34	10.4
APR	14	47 ( 0)	9	32	7.8
MAY	11	64 ( +12)	15	6	7.9
JUNE	4	90 ( +32)	21	38	5.3
JULY	0	62 ( +10)	16	21	5.4
AUG	1	60 ( -1)	12	18	4.7
SEPT	4	40 ( -19)	15	6	5.4
OCT	14	199 (+139)	23	157	6.4
NOV	14	59 ( -10)	18	50	7.5
DEC	15	30 ( -39)	12	23	9.4
YEAR*	143	749 ( +56)	185	416	7.2

(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