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Yields of the Field Experiments 1987

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87/E/1 Meteorological Records for 1987 - Rothamsted

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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