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Yields of the Field Experiments 1994

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94/E/1 Meteorological Records 1994 - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS 1994 - ROTHAMSTED

(Departure from 30-year means in brackets)

MONTH	Total sunshine: hours		Mean temperature: °C			
			Air(1)	Dew point	In ground under grass	
					30cm	100cm
JAN	71	(+19)	4.8 (+1.8)	3.5	4.8	6.3
FEB	65	(+0)	3.0 (-0.2)	1.5	4.1	5.8
MAR	139	(+32)	7.5 (+2.3)	4.5	6.7	6.3
APR	176	(+38)	7.9 (+0.3)	4.3	8.0	7.4
MAY	156	(-31)	10.6 (-0.3)	7.4	11.8	10.0
JUNE	264	(+73)	14.7 (+0.8)	10.4	14.3	11.9
JULY	253	(+64)	18.7 (+2.9)	14.2	17.5	14.5
AUG	197	(+18)	16.4 (+0.6)	12.2	16.7	15.6
SEPT	114	(-27)	13.1 (-0.5)	10.2	14.1	14.3
OCT	126	(+22)	10.1 (-0.3)	8.4	11.7	12.6
NOV	42	(-24)	9.8 (+3.8)	8.7	10.8	11.3
DEC	73	(+27)	6.1 (+2.0)	4.7	7.9	9.8
YEAR*	1674	(+212)	10.2 (+1.1)	7.5	10.7	10.5

MONTH	Ground frosts (2)	Total rainfall:mm		Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
		12.7cm (5 in) gauge				
JAN	20	103	(+38)	22	89	10.8
FEB	22	54	(+6)	14	41	7.9
MAR	16	55	(-2)	19	14	13.7
APR	12	65	(+12)	16	35	11.4
MAY	5	69	(+16)	15	24	7.3
JUNE	2	18	(-39)	9	0	7.9
JULY	0	23	(-24)	10	0	5.3
AUG	0	54	(+0)	12	10	5.8
SEPT	1	65	(+10)	14	25	7.1
OCT	12	88	(+23)	15	56	6.8
NOV	4	41	(-24)	12	31	7.0
DEC	19	91	(+21)	15	71	10.8
YEAR*	113	726	(+38)	173	396	8.5

30-year means are for the period 1961-90

(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