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Yields of the Field Experiments 1991

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91/E/1 Meteorological Records 1991 - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS 1991 - 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	76 (+24)	3.1 (+0.0)	0.9	4.5	6.6
FEB	63 (-2)	0.8 (-2.5)	-0.5	3.1	5.1
MAR	95 (-12)	7.5 (+2.2)	5.5	7.0	6.5
APR	153 (+15)	7.4 (-0.2)	3.8	8.5	7.9
MAY	131 (-57)	9.7 (-1.2)	7.0	10.5	9.0
JUNE	128 (-63)	11.9 (-2.0)	9.3	12.7	10.9
JULY	219 (+31)	16.9 (+1.0)	13.8	16.3	13.5
AUG	240 (+61)	17.4 (+1.6)	12.9	17.2	15.1
SEPT	184 (+44)	14.4 (+0.8)	11.4	15.3	14.9
OCT	92 (-12)	9.7 (-0.7)	7.7	11.8	12.9
NOV	60 (-5)	6.5 (+0.6)	4.6	8.7	10.5
DEC	60 (+14)	4.0 (-0.1)	1.7	5.7	8.1
YEAR*	1501 (+38)	9.1 (+0.0)	6.5	10.1	10.1

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	26	83 (+18)	15	72	9.2
FEB	24	54 (+7)	16	37	8.1
MAR	15	28 (-29)	15	13	8.6
APR	16	74 (+20)	14	29	10.5
MAY	9	15 (-38)	7	4	7.0
JUNE	5	100 (+43)	22	42	6.4
JULY	0	73 (+26)	11	26	5.8
AUG	0	46 (-8)	8	15	6.0
SEPT	6	61 (+7)	13	23	6.1
OCT	13	29 (-37)	12	4	6.2
NOV	17	59 (-6)	15	45	9.0
DEC	18	16 (-53)	8	10	7.8
YEAR*	149	637 (-51)	156	317	7.6

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