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Yields of the Field Experiments 1998

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98/E/1 Meteorological Records 1998 - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS 1998 - ROTHAMSTED

(Departure from 30-year means in brackets)

MONTH	Total sunshine:		Mean temperature: °C			
	hours		Air(1)	Dew point	In ground under grass	
					30cm	100cm
JAN	62	(+10)	4.8 (+1.7)	3.0	5.7	7.4
FEB	117	(+52)	6.4 (+3.2)	3.7	5.7	6.5
MAR	76	(-30)	7.3 (+2.1)	5.0	7.5	7.4
APR	102	(-36)	7.7 (+0.1)	5.3	9.1	8.5
MAY	205	(+18)	12.7 (+1.8)	9.0	12.9	10.7
JUN	156	(-35)	14.4 (+0.5)	12.4	15.2	13.0
JUL	180	(-9)	15.7 (-0.2)	11.8	16.6	14.5
AUG	232	(+53)	16.3 (+0.4)	11.8	16.9	15.5
SEP	139	(-1)	15.0 (+1.5)	12.5	15.5	15.0
OCT	88	(-16)	10.3 (-0.1)	8.6	12.4	13.6
NOV	68	(+3)	5.3 (-0.7)	3.3	7.6	10.2
DEC	38	(-9)	5.5 (+1.5)	3.5	6.2	7.9
YEAR*	1463	0	10.1 (+1.0)	7.5	10.9	10.9

MONTH	Ground frosts (2)	Total rainfall:mm 12.7cm (5 in) gauge	Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
JAN	17	70 (+5)	13	59	10.1
FEB	15	9 (-39)	7	0	7.5
MAR	11	63 (+6)	12	30	8.1
APR	9	115 (+62)	25	74	6.7
MAY	2	20 (-33)	8	0	4.9
JUN	1	103 (+46)	22	30	4.3
JUL	0	39 (-8)	12	4	4.9
AUG	0	29 (-25)	9	0	4.0
SEP	0	130 (+75)	14	65	4.8
OCT	5	115 (+50)	21	77	9.5
NOV	17	81 (+17)	18	67	4.7
DEC	14	68 (-1)	21	56	7.4
YEAR*	91	842 (+154)	182	462	6.4

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