Yields of the Field Experiments 1988

88/E/1 Meteorological Records 1988 - Rothamsted

Rothamsted Research

METEOROLOGICAL RECORDS 1988 – ROTHAMSTED

(Departure from 30-year means in brackets)

Mean temperature: C

MONTH	Total sunshine: hours	Air(1)	Dew point	In ground under grass 30cm	100cm
JAN	51 (+1)	4.8 (+2.0)	3.2	6.2	7.6
FEB	109 (+47)	4.2 (+1.1)	1.2	4.8	6.3
MAR	91 (−18)	6.0 (+0.9)	3.5	6.0	6.3
APR	130 (−10)	7.8 (+0.1)	4.8	8.4	7.7
MAY	182 (−7)	11.6 (+0.5)	8.5	11.7	9.8
JUNE	154 (−43)	13.5 (−0.5)	10.3	13.5	11.6
JULY	159 (−21)	14.4 (−1.2)	11.7	15.1	13.3
AUG	202 (+35)	15.5 (−0.2)	11.4	15.4	14.0
SEPT	140 (0)	13.3 (−0.3)	10.5	13.9	13.6
OCT	106 (+6)	10.6 (+0.3)	9.0	11.9	12.3
NOV	82 (+20)	4.8 (−1.1)	3.4	7.9	10.1
DEC	39 (−7)	6.6 (+2.5)	5.5	7.0	8.2
YEAR*	1443 (+2)	9.4 (+0.3)	6.9	10.1	10.1

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	19	137 (+74)	27	123	9.6
FEB	25	42 (−10)	12	32	12.1
MAR	12	65 (+13)	18	33	11.0
APR	13	29 (−18)	10	TRACE	8.2
MAY	10	50 (−1)	14	15	7.0
JUNE	1	57 (−1)	11	16	6.8
JULY	1	95 (+43)	24	46	6.5
AUG	1	60 (−1)	12	15	6.0
SEPT	3	52 (−7)	11	29	7.3
OCT	9	70 (+10)	15	47	6.7
NOV	23	30 (−40)	12	17	4.3
DEC	18	20 (−49)	11	15	9.0
YEAR*	135	705 (+12)	177	385	7.9

(1) 30-year means are for the period 1951-80
(2) Mean of maximum and minimum
(3) Number of nights grass min. was below 0.0 C
(4) Number of days rainfall was 0.2 mm or more
(5) At 2 metres above ground level
*Mean or total

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