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## Yields of the Field Experiments 1979

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### 79/E/1 Meteorological Records 1979 - Woburn and Saxmundham

#### Rothamsted Research

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79/E/1

METEOROLOGICAL RECORDS 1979 - WOBURN

(Departure from long-period means in brackets)

MONTH	Total sunshine: hours	Mean temperature: C					Ground(2) frosts	Total rainfall: mm 12.7 cm (5in) gauge	Rain(3) days	Wind(4) km per hour
		Air(1)	Dew point	In ground under grass 30 cm	100 cm	300 cm				
JAN	52 (+2)	-0.8 (-4.1)	-1.8	2.7	6.1	26	60 (+6)	18	8.0	
FEB	46 (-18)	0.7 (-2.7)	-0.8	2.0	4.5	25	51 (+10)	13	7.7	
MAR	90 (-25)	4.5 (-0.8)	2.4	4.2	4.8	19	127 (+84)	23	13.1	
APR	93 (-48)	7.7 (-0.2)	5.3	7.3	6.3	14	87 (+42)	21	7.8	
MAY	184 (+1)	10.6 (-0.4)	7.5	10.6	8.6	7	103 (+50)	20	9.6	
JUNE	151 (-48)	13.4 (-0.8)	11.7	14.9	11.6	0	43 (-7)	9	6.7	
JULY	169 (-11)	16.0 (+0.0)	14.6	16.5	13.8	0	14 (-40)	6	7.4	
AUG	157 (-15)	15.3 (-0.5)	14.2	16.1	14.6	1	70 (+9)	13	7.8	
SEPT	159 (+25)	13.5 (-0.1)	12.7	14.5	14.2	8	15 (-37)	5	8.5	
OCT	109 (+8)	10.7 (+0.7)	10.3	11.9	12.9	8	81 (+28)	13	5.7	
NOV	61 (+0)	6.5 (+0.2)	5.7	7.8	10.4	11	46 (-17)	19	10.1	
DEC	44 (+0)	5.6 (+1.6)	4.0	6.7	8.9	14	131 (+78)	24	12.9	
YEAR*	1315(-129)	8.6 (-0.6)	7.1	9.6	9.7	133	828 (+206)	184	8.8	

METEOROLOGICAL RECORDS 1979 - SAXMUNDHAM

MONTH	Air(1)	Mean temperature: C			Ground(2) frosts	Total rainfall :mm 12.7 cm (5 in) gauge	Rain(3) days	Wind(4) km per hour
		Dew point	In ground under bare soil 30 cm	100 cm				
JAN	0.1 (-4.5)	0.0	2.2	21	88 (+30)	14	12.4	
FEB	2.1 (-1.8)	0.0	1.9	17	89 (+48)	8	12.7	
MAR	5.0 (-0.2)	2.8	4.3	12	63 (+21)	16	15.8	
APR	7.6 (+0.6)	5.0	7.3	9	52 (+16)	12	11.3	
MAY	11.0 (+0.4)	7.8	11.1	9	68 (+30)	11	11.5	
JUNE	14.3 (+0.5)	11.7	16.3	0	33 (-5)	10	7.2	
JULY	17.0 (+1.0)	11.7	17.7	0	27 (-26)	7	7.3	
AUG	15.8 (-0.5)	11.7	16.3	1	61 (+17)	12	8.0	
SEPT	14.6 (+0.6)	10.5	15.3	4	26 (-39)	4	9.5	
OCT	11.9 (+1.1)	10.5	12.2	5	25 (-13)	8	10.0	
NOV	6.5 (-0.0)	5.0	6.8	14	48 (-31)	13	10.7	
DEC	6.0 (+1.2)	3.3	6.2	16	96 (+46)	15	15.0	
YEAR*	9.3 (-0.1)	6.7	9.8	108	676 (+94)	130	11.0	

(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