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## Rothamsted Experimental Station Report for 1987

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### Woburn Weather 1986-87

#### Rothamsted Research

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**WOBURN WEATHER 1986-87**

Latitude 52° 1' 5" N; Longitude 0° 35' 35" W; Altitude 89 m

	1986		1987												Year	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
<b>TEMPERATURE (°C)</b>																
Mean screen maximum	15.3	10.9	8.8	2.5	6.9	7.4	14.9	14.6	17.2	20.3	20.2	18.3	13.7	8.7	7.9	12.7
Difference from average	+1.3	+1.7	+1.8	-3.4	+0.6	-1.7	+2.8	-1.2	-1.9	-0.4	-0.1	-0.3	-0.3	-0.5	+0.8	-0.4
Mean screen minimum	6.5	4.7	2.7	-2.6	1.7	0.4	5.7	5.7	8.6	11.0	10.7	9.4	5.5	3.5	2.7	5.2
Difference from average	0.0	+1.5	+1.2	-3.1	+1.3	-1.1	+2.4	-0.5	-0.3	+0.1	-0.1	+0.3	-1.0	+0.3	+1.2	0.0
Soil at 10 cm.	10.1	6.8	4.4	1.1	2.6	3.4	9.1	11.2	14.6	17.6	16.5	13.7	8.8	6.0	4.6	9.1
Dew point	8.7	6.1	3.8	-1.0	2.5	1.9	7.4	6.6	10.5	12.2	12.6	11.2	7.6	4.3	3.7	6.6
No. of days with ground frost	3	9	19	23	18	81	9	12	1	0	1	4	7	12	14	122
<b>RADIATION</b>																
Sunshine (h per month)	104	75	48	47	46	90	150	157	129	168	156	137	119	36	21	1256
Difference from average	+4	+13	+3	-4	-15	-17	+18	-26	-64	-8	-7	+2	+19	-26	-25	-153
Mean daily radiation (MJ m <sup>-2</sup> day <sup>-1</sup> )	6.2	3.3	2.1	2.4	4.6	7.8	13.6	16.2	15.6	15.8	13.8	10.9	6.7	2.8	1.9	112.1
<b>WIND (km day<sup>-1</sup>)</b>																
Wind run at 2 m	194	248	275	115	173	223	173	168	154	132	132	161	156	178	166	161
<b>WATER (mm per month)</b>																
Rainfall (5 inch gauge)	75	68	67	18	29	48	56	48	109	72	47	37	152	57	25	698
Difference from average	+22	+9	+9	-35	-13	-1	+11	-3	+53	+21	-19	-17	+100	-3	-34	+60
Rain days	14	19	19	12	14	18	12	14	22	14	13	16	20	14	10	179

NOTES ON THE TABLE

Averages are for 30 years 1951-1980