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## Rothamsted Experimental Station Report for 1984

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### Woburn Weather 1983-84

#### Rothamsted Research

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**WOBURN WEATHER 1983-84**

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

	1984												1983												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
<b>TEMPERATURE (°C)</b>																									
Mean screen maximum	6.7	6.1	7.6	13.2	14.1	19.7	22.8	23.4	17.2	14.9	10.7	8.3	14.1	10.1	10.1	13.2	14.1	19.7	22.8	23.4	17.2	14.9	10.7	8.3	13.7
Difference from average	+0.8	-0.2	-1.5	+1.1	-1.7	+0.6	+2.1	+3.1	-0.8	+0.9	+1.5	+1.3	+0.1	+0.9	+0.9	+1.1	-1.7	+0.6	+2.1	+3.1	-0.8	+0.9	+1.5	+1.3	+0.6
Mean screen minimum	0.7	0.2	1.4	1.6	4.0	8.9	10.4	11.5	10.1	7.9	5.4	2.4	6.5	4.2	4.2	1.6	4.0	8.9	10.4	11.5	10.1	7.9	5.4	2.4	5.4
Difference from average	+0.2	-0.2	-0.1	-1.7	-2.2	0.0	-0.5	+0.7	+1.0	+1.4	+2.2	+0.9	0.0	+1.0	+1.0	-1.7	-2.2	0.0	-0.5	+0.7	+1.0	+1.4	+2.2	+0.9	+0.1
Soil at 10 cm	2.6	2.6	3.9	6.4	10.2	15.8	17.7	17.1	13.4	10.4	7.9	4.6	9.7	7.0	7.0	6.4	10.2	15.8	17.7	17.1	13.4	10.4	7.9	4.6	9.4
Dew point	1.1	0.5	2.1	2.5	5.9	10.6	11.5	13.8	9.9	6.6	7.1	3.6	8.2	5.7	5.7	2.5	5.9	10.6	11.5	13.8	9.9	6.6	7.1	3.6	6.5
No. of days with ground frost	26	18	16	20	10	1	1	2	4	6	6	21	9	8	8	20	10	1	1	2	4	6	6	21	131
<b>RADIATION</b>																									
Sunshine (h per month)	66	55	35	223	134	158	208	184	93	94	44	61	110	38	38	223	134	158	208	184	93	94	44	61	1355
Difference from average	+16	-6	-72	+91	-50	-35	+32	+22	-42	-6	-18	-16	+10	-24	-24	+91	-50	-35	+32	+22	-42	-6	-18	-16	-84
Mean daily radiation (MJ m <sup>-2</sup> day <sup>-1</sup> )	N/A	4.7	6.1	16.6	16.5	19.8	19.6	15.2	8.7	6.3	2.9	2.3	6.5	N/A	N/A	16.6	16.5	19.8	19.6	15.2	8.7	6.3	2.9	2.3	N/A
<b>WIND (km day<sup>-1</sup>)</b>																									
Wind run at 2 m	312	230	171	165	152	166	150	135	190	238	210	179	275	137	137	165	152	166	150	135	190	238	210	179	191
<b>WATER (mm per month)</b>																									
Rainfall (5 inch gauge)	73	45	49	9	88	49	12	69	89	48	105	49	45	40	40	9	88	49	12	69	89	48	105	49	685
Difference from average	+20	+3	0	-36	+38	-7	-39	+2	+35	-4	+46	-10	-7	-19	-19	-36	+38	-7	-39	+2	+35	-4	+46	-10	+48
Rain days	19	15	12	6	12	9	7	8	16	14	16	19	13	9	9	6	12	9	7	8	16	14	16	19	153

NOTE ON THE TABLE

Averages are for 30 years, 1951-80.