

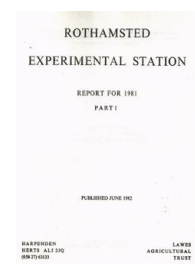
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Report for 1981 - Part 1

[Full Table of Content](#)



### Weather Tables Broom's Barn

#### Rothamsted Research

Rothamsted Research (1982) *Weather Tables Broom's Barn* ; Report For 1981 - Part 1, pp 293 - 293  
- DOI: <https://doi.org/10.23637/ERADOC-1-128>

### WOBURN WEATHER 1980-81

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

	1980			1981												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
<b>TEMPERATURE (°C)</b>																
Mean screen maximum	12.8	8.6	8.1	7.3	5.9	10.8	11.6	15.8	17.7	20.8	21.7	19.5	12.0	10.5	2.9	13.0
Difference from average	-1.1	-0.7	+1.3	+1.4	-0.5	+1.4	-0.8	-0.2	-1.6	-0.1	+1.0	+1.4	-1.9	+1.2	-3.9	-0.2
Mean screen minimum	4.9	3.4	2.0	1.3	-0.7	5.2	3.0	6.7	8.9	10.9	10.7	9.8	4.8	3.7	-3.3	5.1
Difference from average	-1.3	+0.2	+0.7	+0.9	-1.1	+3.8	-0.5	+0.6	-0.2	-0.2	-0.2	+0.6	-1.4	+0.5	-4.6	-0.1
Soil at 10 cm	8.2	5.6	4.0	3.6	2.4	6.5	7.1	11.3	14.7	16.9	16.3	13.7	7.8	6.2	1.6	9.0
Dew point	6.6	4.0	2.9	2.1	0.3	6.0	3.8	8.0	9.0	11.8	12.6	11.6	5.9	4.8	-1.8	6.2
No. of days with ground frost	11	15	18	20	23	8	11	3	2	0	0	0	7	14	25	113
<b>RADIATION</b>																
Sunshine (h per month)	126	53	55	49	67	56	111	123	148	145	184	144	99	41	37	1204
Difference from average	+25	-8	+11	-1	+3	-58	-29	-61	-49	-34	+14	+9	-2	-20	-7	-235
Mean daily radiation (MJ m <sup>-2</sup> day <sup>-1</sup> )				2.5	4.4	6.7	11.3	14.3	16.8	15.8	14.4	10.9	6.3	3.1	2.2	9.1
<b>WIND (km day<sup>-1</sup>)</b>																
Wind run at 2 m	217	281	327	243	214	298	207	197	219	180	118	198	239	257	159	211
<b>WATER (mm per month)</b>																
Rainfall (5 inch gauge)	81	50	30	31	16	103	71	63	34	44	53	71	79	34	47	646
Difference from average	+28	-12	-25	-23	-25	+58	+26	+9	-17	-10	-10	+20	+25	-29	-7	+17
Rain days	18	18	14	14	7	26	8	20	10	13	9	16	22	12	16	173

**NOTE ON THE TABLE**

1. Long period averages are for the period 1930-80