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Weather Tables Woburn

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Rothamsted Research (1982) *Weather Tables Woburn* ; Report For 1981 - Part 1, pp 294 - 294 -
DOI: <https://doi.org/10.23637/ERADOC-1-128>

BROOM'S BARN WEATHER 1980-81

Latitude 52° 16' N; Longitude 0° 34' E; Altitude 75 m

	1980			1981												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
TEMPERATURE (°C)																
Mean screen maximum	13.0	8.4	7.6	6.9	5.7	10.7	11.1	15.6	17.5	20.4	21.6	19.8	12.0	10.5	2.5	12.9
Difference from average	-1.5	-0.6	+0.8	+1.1	-0.6	+2.0	-0.5	-0.3	-1.6	-0.3	+0.6	+1.4	-2.3	+1.5	-4.3	-0.2
Mean screen minimum	5.7	3.6	2.1	1.6	0.1	5.3	3.8	7.4	9.4	11.5	12.0	11.2	5.3	4.4	-2.9	5.8
Difference from average	-1.7	+0.3	+0.2	+0.5	-0.9	+3.4	+0.1	+0.7	-0.2	0.0	+0.5	+1.3	-2.0	+1.1	-4.8	0.0
Soil at 10 cm	8.2	5.2	3.5	3.2	2.2	6.3	7.4	11.6	14.9	16.4	16.7	14.3	7.9	6.2	0.9	9.0
Dew point	6.8	3.8	3.3	2.2	0.1	6.3	4.2	8.6	9.2	12.5	12.3	11.6	5.7	4.7	-1.4	6.3
No. of days with ground frost	6	14	15	13	20	7	8	3	0	0	0	0	4	5	24	84
RADIATION																
Sunshine (h per month)	130	52	48	49	69	57	132	148	155	147	180	170	133	61	41	1342
Difference from average	+24	-20	+1	+2	+10	-53	-8	-49	-54	-34	+5	+21	+25	-10	-6	-151
Mean daily radiation (MJ m ⁻² day ⁻¹)	6.6	2.7	1.8	2.4	4.4	5.8	12.0	15.3	16.8	15.1	14.1	11.2	6.7	3.0	2.0	9.1
WIND (km day⁻¹)																
Wind run at 2 m	224	288	319	240	243	286	219	187	215	166	135	192	224	251	175	211
WATER (mm per month)																
Rainfall (5 inch gauge)	91	55	42	37	18	99	68	69	32	47	32	88	83	34	51	658
Difference from average	+49	-7	-15	-10	-18	+58	+26	+25	-21	+2	-21	+40	+38	-28	-5	+86
Rain days	14	19	20	18	12	23	12	20	8	11	6	14	21	14	15	174
Open water (tank) evaporation	45	—	—	—	—	29	59	80	103	100	112	104	41	19	—	647
Potential evaporation	21	8	4	5	15	26	53	83	92	89	79	57	22	12	-1	532

NOTES ON THE TABLE

1. Except for potential evaporation, all quantities are measured.
2. Long period averages are for different periods; air temperatures 1964-80; sunshine 1965-80.