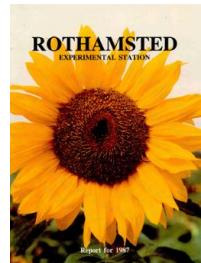


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Rothamsted Experimental Station Report for 1987

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Woburn Weather 1986-87

Rothamsted Research

Rothamsted Research (1988) *Woburn Weather 1986-87* ; Rothamsted Experimental Station Report For 1987, pp 233 - 233 - DOI: <https://doi.org/10.23637/ERADOC-1-28>

Table 1. Mean monthly values for Woburn weather station, 1986-87
Latitude 52° 1' 5" N; Longitude 0° 35' 35" W; Altitude 89 m
Source: Meteorological Office, Bracknell, UK.

	WOBURN WEATHER 1986-87																													
	Latitude 52° 1' 5" N; Longitude 0° 35' 35" W; Altitude 89 m																													
	1986		1987		Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		Year	
TEMPERATURE (°C)																														
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	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														
RADIATION																														
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 ⁻² day ⁻¹)	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														
WIND (km day ⁻¹)																														
Wind run at 2 m	194	248	275	115	173	223	173	168	154	132	132	161	156	178	166	161														
WATER (mm per month)																														
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