

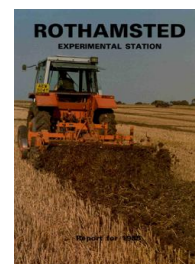
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Rothamsted Weather 1984-85

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ROTHAMSTED WEATHER 1984-85

Latitude 51° 48' 30" N; Longitude 0° 21' 10" W; Altitude 128 m

	1985												1984	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	
TEMPERATURE (°C)														
Mean screen maximum	2.7	4.7	7.9	12.3	14.5	17.0	21.0	19.0	19.0	14.5	6.5	8.5	12.3	
Difference from average	-2.8	-1.3	-1.0	+0.3	-1.3	-2.0	+0.5	-1.4	+1.1	+0.6	-2.5	+1.7	-0.7	
Mean screen minimum	-2.7	-1.3	0.6	4.1	6.4	8.1	10.9	10.3	9.7	7.4	0.4	4.1	4.8	
Difference from average	-2.8	-1.5	-0.8	+0.7	+0.1	-0.9	0.0	-0.6	+0.5	+0.9	-2.5	+2.8	-0.3	
Soil at 10 cm	1.0	2.5	3.1	7.5	10.6	13.5	17.0	14.2	13.7	10.3	3.9	5.9	8.6	
Dew point	-1.9	-1.4	2.2	4.4	7.1	9.3	12.7	11.5	11.7	8.7	1.6	5.1	5.9	
No. of days with ground frost	29	24	23	11	10	3	0	0	1	12	22	13	148	
RADIATION														
Sunshine (h per month)	43	82	98	144	163	165	221	181	134	110	81	38	1460	
Difference from average	-7	+20	-10	+4	-26	-32	+41	+14	-7	+10	+19	-7	+19	
Mean daily radiation (MJ m ⁻² day ⁻¹)	2.4	5.4	7.7	12.6	13.7	16.7	17.9	13.7	10.8	6.1	3.5	1.6	112.1	
Difference from average	+0.2	+1.4	+0.2	+0.9	-1.9	-0.8	+2.1	+0.5	+1.0	+0.5	+0.7	-0.1	+4.7	
WIND (km day ⁻¹)														
Wind run at 2 m	233	220	207	275	189	167	135	187	151	133	219	249	197	
WATER (mm per month)														
Rainfall (5 inch walled gauge)	58	29	38	31	49	102	48	63	18	22	51	108	617	
Difference from average	-5	-23	-14	-17	-2	+44	-3	+2	-41	-37	-19	+39	-76	
Rain days	17	6	17	14	11	18	14	19	7	8	17	20	168	
Drainage through 50 cm bare undisturbed soil	54	55	22	8	10	48	0	16	0	0	11	95	319	
Open water (tank) evaporation	3	3	19	55	65	86	111	87	84	48	19	10	590	
Potential evaporation	4	13	24	60	65	83	92	71	49	19	5	0	485	

NOTES ON THE TABLE

1. Except for potential evaporation, all quantities are measured.
2. Drainage and evaporation are measured in inches.
3. Averages are for 30 years 1951-80, except radiation 29 years 1956-84.