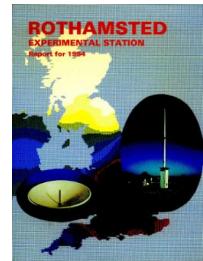


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Rothamsted Experimental Station Report for 1984

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Saxmundham Weather 1983-84

Rothamsted Research

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SAXMUNDHAM WEATHER 1983-84
Latitude 52° 13' N; Longitude 1° 28' E; Altitude 37 m

	1983			1984						Year						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
TEMPERATURE (°C)																
Mean screen maximum	14.0	9.1	7.2	5.2	4.8	5.8	10.5	11.2	17.8	20.9	23.0	17.8	15.2	11.9	8.2	
Difference from average	+0.5	-0.5	+0.2	-1.4	-1.7	-2.8	-0.4	-3.4	-0.6	+0.2	+2.1	-0.6	+1.2	+2.4	+1.2	12.6
Mean screen minimum	6.7	4.4	3.0	0.7	1.1	1.9	2.5	5.6	8.3	10.4	12.2	9.6	8.1	6.4	2.6	-0.4
Difference from average	-0.5	+0.1	+0.8	-1.1	-0.2	-0.5	-1.0	-1.3	-1.4	-1.4	+0.2	-0.7	+0.8	+2.3	+0.3	5.8
Soil at 10 cm	11.0	7.3	4.4	1.9	2.8	4.7	6.9	11.1	16.0	17.2	18.7	13.2	11.4	8.8	5.4	-0.3
Dew point	7.8	5.6	3.9	1.1	1.1	3.3	2.8	7.2	11.1	11.9	13.9	11.7	9.4	7.8	4.4	9.8
No. of days with ground frost	5	6	12	23	18	16	9	1	1	0	0	4	4	4	4	7.1
111																
RADIATION																
Mean daily radiation (MJ m ⁻² day ⁻¹)	5.8	2.4	1.7	2.4	3.4	6.0	14.4	11.1	16.0	15.8	15.3	7.7	5.3	2.3	1.6	8.4
WIND (km day ⁻¹)																
Wind run at 2 m	288	184	318	362	288	258	209	—	—	146	152	217	260	270	215	238
WATER (mm month ⁻¹)																
Rainfall (5 inch gauge)	51	52	40	102	48	60	22	62	35	53	33	89	63	64	57	688
Difference from average	-9	-10	-22	+45	+5	+13	-18	+20	-10	+3	-8	+23	+13	-5	+2	+83
Rain days	15	9	17	20	13	14	5	13	7	12	5	21	18	16	19	163
Open water (tank) evaporation	57	20	—	—	—	85	69	98	107	100	75	36	16	16	10	10

NOTES ON THE TABLE

- All quantities are measured.
- Temperatures were measured in °F.
- 'Soil at 10 cm' and 'Dewpoint' are at 0900 GMT.
- Radiation was measured with a Kipp Solarimeter.
- Rain and evaporation were measured in inches.
- 'Evaporation' is the mean of two open water tanks installed 17 March 1983. They are 56 cm diameter, 30 cm deep and set 15 cm in the ground. Water level is about 6 cm below the rim.
- Long period averages are for different periods: air temperatures 1969-83; rain 1968-83.