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ROTHAMSTED  
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## Report for 1974 - Part 1

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## Weather Tables Rothamsted

### Rothamsted Research

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ROTHAMSTED WEATHER 1973-74

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

	Temperature (°C)				Radiation		Wind Run at 2 m km day <sup>-1</sup>	Water (mm)				
	Mean air	Soil at 10 cm	Dew- point	Ground frosts	Sunshine hours	mWh cm <sup>-2</sup> day <sup>-1</sup>		Rain	Rain days	Drainage bare soil	Evaporation Open water	Pot. trans.
<b>1973</b>												
October	8.9	8.1	6.8	12	108	149	184	31	11	8	29	17
November	5.3	4.6	2.6	18	97	80	220	25	13	4	14	3
December	4.6	3.4	2.7	17	57	45	245	47	19	42	4	0
<b>1974</b>												
January	5.5 (+2.6)	4.2	3.5	13	43 (- 8)	49	275	92 (+31)	19	83	12	4
February	5.1 (+1.7)	4.1	3.3	16	62 (- 6)	89	242	97 (+47)	17	77	16	7
March	5.5 (+0.3)	4.1	2.7	18	102 (-15)	176	219	47 (+ 2)	11	31	29	23
April	7.9 (+0.2)	7.4	3.9	11	146 (- 5)	325	254	19 (-29)	7	Trace	61	53
May	10.7 (-0.4)	11.2	5.9	11	196 (+ 2)	449	218	27 (-25)	11	Trace	85	85
June	13.7 (-0.4)	14.8	9.5	5	202 ( 0)	404	218	76 (+19)	11	12	99	78
July	15.1 (-0.8)	15.8	10.8	0	195 (+ 4)	310	233	31 (-26)	13	—	89	67
August	15.3 (-0.3)	15.1	11.5	1	185 (+ 6)	353	175	79 (+15)	16	11	83	64
September	12.0 (-1.4)	11.5	9.1	2	156 (+11)	259	216	118 (+61)	23	76	53	38
October	7.0 (-2.6)	6.5	4.6	7	90 (-13)	132	241	103 (+44)	22	80	29	16
November	6.5 (+0.7)	5.5	5.2	11	45 (-17)	59	247	139 (+67)	26	123	14	4
December	7.4 (+3.8)	5.7	4.6	10	58 (+13)	44	363	37 (-28)	15	23	10	7
Total or mean	9.3 (+0.3)	8.8	6.2	105	1480 (-28)	221	242	865 (+178)	191	516	580	446

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Drainage and evaporation were measured in inches.
3. Drainage is through 50 cm bare undisturbed soil.
4. Departures from long-period averages (in brackets) are for different periods: Air temperature, 1878-1973; Sunshine, 1882-1973; Rain, 1948-73.