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ROTHAMSTED  
RESEARCH

## Report for 1977 - Part 1

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### Weather Tables Rothamsted

#### Rothamsted Research

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### ROTHAMSTED WEATHER 1976-77

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 maximum	Mean minimum	Soil at 10 cm	Dewpoint	Ground frosts	Sunshine hours	mWh cm <sup>-2</sup> day <sup>-1</sup>		Rain	Evaporation			Open Pot water trans	
										Rain days	Drainage bare soil			
<b>1976</b>														
October	13.6	7.5	10.3	9.0	6	46	128	185	123	24	101	25	19	
November	8.7	2.7	5.0	4.3	23	61	85	170	82	19	71	15	3	
December	4.1	-1.0	1.4	-0.1	28	60	59	185	87	15	79	11	-2	
<b>1977</b>														
January	4.6 (-1.2)	0.1 (-0.1)	1.9	0.9	24	41 (-10)	60	205	74 (+12)	20	71	7	2	
February	8.1 (+1.7)	2.0 (+1.6)	3.6	3.0	16	67 (-1)	127	234	109 (+59)	23	97	15	12	
March	9.9 (+0.8)	3.1 (+1.8)	5.0	4.3	18	90 (-25)	203	261	55 (+10)	18	32	23	29	
April	11.1 (-1.0)	2.7 (-0.5)	5.9	3.5	19	160 (+9)	355	278	31 (-15)	16	1	49	55	
May	14.9 (-1.0)	5.5 (-0.7)	10.5	6.2	7	220 (+27)	501	269	42 (-9)	13	15	89	93	
June	15.8 (-3.1)	7.6 (-1.6)	12.5	8.5	3	131 (-73)	403	210	77 (+22)	18	27	65	74	
July	20.2 (-0.4)	10.6 (-0.5)	16.7	11.3	0	198 (+6)	479	192	7 (-47)	7	Trace	97	99	
August	19.1 (-1.3)	10.9 (0.0)	15.1	12.1	0	133 (-48)	309	148	119 (+58)	16	57	63	57	
September	17.3 (-0.4)	9.4 (+0.3)	12.7	10.0	0	119 (-25)	278	178	23 (-40)	12	6	72	51	
October	15.2 (+1.9)	7.9 (+2.1)	10.3	9.3	1	106 (+3)	177	161	49 (-13)	17	18	31	21	
November	9.0 (+0.1)	3.3 (+0.6)	5.2	3.7	15	88 (+26)	106	328	60 (-14)	19	40	21	12	
December	8.1 (+1.6)	3.0 (+2.0)	4.7	3.7	11	42 (-3)	49	242	60 (-4)	19	55	7	4	
Total or mean	12.8 (-0.2)	5.5 (+0.4)	8.7	6.4	114	1395 (-114)	3047	225	706 (+19)	198	419	539	509	

#### NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Drainage and evaporation are 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 temperatures 1878-1976; Sunshine 1882-1976; Rain 1948-76.