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Report for 1976 - Part 1

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Weather Tables Rothamsted

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ROTHAMSTED WEATHER 1975-76

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

	Temperature (°C)					Radiation		Wind Run at 2 m km day ⁻¹	Water (mm)				
	Mean maximum	Mean minimum	Soil at 10 cm Dewpoint		Ground frosts	Sunshine hours	mWh cm ⁻² day ⁻¹		Rain	Rain days	Evaporation		
			Open water trans.	Pot. water trans.									
1975													
October	13.2	5.6	8.9	7.2	9	115	163	165	18	9	3	37	16
November	8.9	2.0	4.9	3.9	17	76	80	206	52	15	33	18	3
December	6.7	1.3	3.5	2.6	19	37	50	201	37	12	30	7	1
1976													
January	7.6 (+1.8)	2.2 (+2.0)	4.1	2.3	17	63 (+12)	73	345	27 (-36)	12	16	11	11
February	6.6 (+0.2)	1.3 (+0.9)	3.0	2.0	21	41 (-27)	95	215	23 (-28)	14	14	9	10
March	8.1 (-1.0)	1.0 (-0.3)	3.7	1.1	17	118 (+2)	241	270	17 (-29)	8	4	40	37
April	12.1 (0.0)	3.1 (-0.1)	7.4	3.8	16	159 (+8)	369	245	21 (-26)	4	—	64	61
May	17.3 (+1.4)	6.8 (+0.6)	12.4	8.1	8	195 (+2)	478	215	20 (-32)	15	Trace	90	89
June	23.7 (+4.8)	10.7 (+1.5)	18.3	11.6	1	269 (+66)	586	155	17 (-39)	2	Trace	140	119
July	25.1 (+4.5)	12.0 (+0.9)	20.1	11.9	0	245 (+54)	533	170	42 (-12)	7	Trace	152	124
August	23.7 (+3.4)	11.3 (+0.4)	18.0	10.9	1	254 (+74)	473	180	9 (-54)	5	—	124	103
September	17.7 (0.0)	9.2 (+0.1)	13.1	10.0	0	118 (-27)	265	175	106 (+45)	15	42	59	38
October	13.6 (+0.3)	7.5 (+1.7)	10.3	9.0	6	46 (-57)	128	185	123 (+64)	24	101	25	19
November	8.7 (-0.2)	2.7 (0.0)	5.0	4.3	23	61 (-1)	85	170	82 (+8)	19	71	15	3
December	4.1 (-2.4)	-1.0 (-2.0)	1.4	-0.1	28	60 (+15)	59	185	87 (+24)	15	79	11	-2
Total or mean	14.0 (+1.1)	5.6 (+0.5)	9.7	6.2	138	1629 (+121)	3385	209	574 (-115)	140	327	740	612

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, 1878-1975; Sunshine, 1882-1975; Rain, 1948-75.