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Report for 1973 - Part1

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Weather Tables Rothamsted

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ROTHAMSTED WEATHER 1972-73

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 air	Soil at 10 cm	Dew- point	Ground frosts	Sunshine hours	mWh cm ⁻² day ⁻¹		Rain	Rain days	Drainage bare soil	Evaporation Open water	Pot. trans.
1972												
October	10.5	9.1	7.5	9	102	154	205	29	6	9	42	22
November	5.7	5.1	3.5	16	86	83	240	66	15	46	13	4
December	5.1	4.5	3.8	21	45	45	210	92	14	88	8	-2
1973												
January	3.7 (+0.8)	3.2	2.3	15	31 (-21)	47	175	21 (-41)	13	15	5	2
February	3.7 (+0.3)	2.7	1.5	21	73 (+6)	122	235	23 (-28)	13	9	11	11
March	5.7 (+0.5)	4.1	3.1	20	139 (+22)	237	190	14 (-32)	8	3	35	27
April	6.9 (-0.8)	6.2	2.6	17	141 (-10)	325	265	59 (+12)	13	15	52	57
May	11.5 (+0.4)	11.1	7.4	5	182 (-12)	420	225	55 (+3)	15	17	75	81
June	14.9 (+0.8)	16.1	9.7	1	258 (+56)	537	160	83 (+27)	6	44	111	98
July	15.5 (-0.4)	16.4	12.0	0	165 (-25)	409	135	55 (-2)	11	17	90	79
August	17.0 (+1.4)	16.7	13.0	0	198 (+19)	383	170	41 (-24)	6	76	99	78
September	14.7 (+1.3)	13.8	10.8	2	169 (+25)	282	185	64 (+7)	13	26	67	49
October	8.9 (-0.7)	8.1	6.8	12	108 (+5)	149	185	31 (-30)	11	8	29	17
November	5.3 (-0.5)	4.6	2.6	18	97 (+36)	80	220	25 (-49)	13	4	14	3
December	4.6 (+1.0)	3.4	2.7	17	57 (+13)	45	245	47 (-19)	19	42	4	0
Total or mean	9.4 (+0.3)	8.9	6.2	128	1618 (+114)	253	200	518 (-176)	141	276	592	502

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, 1878-1972; Sunshine, 1892-1972; Rain, 1948-72.