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Weather Tables Rothamsted

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ROTHAMSTED WEATHER 1978-79

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

	Temperature (°C)					Radiation		Wind Run at 2 m km day ⁻¹	Rain	Water (mm)			
	Mean maximum	Mean minimum	Soil at 10 cm	Dew- point	Ground frosts	Sunshine hours	MJ m ⁻² day ⁻¹			Rain days	Drainage bare soil	Evaporation Open water	Pot. trans
1978													
October	15.7	7.4	10.0	9.0	8	102	6.1	158	5	8	—	41	23
November	11.2	4.8	7.3	6.1	10	87	3.8	239	21	10	—	17	9
December	6.4	1.1	3.5	2.2	17	36	1.8	253	128	23	108	5	1
1979													
January	2.0 (-3.8)	-4.6 (-4.8)	0.8	-2.7	29	53 (+1)	2.7	224	76 (+12)	20	57	0.0	1
February	3.0 (-3.4)	-1.7 (-2.1)	0.6	-1.0	27	54 (-13)	4.2	240	69 (+17)	13	67	3	9
March	7.7 (-1.4)	1.0 (-0.3)	3.0	2.0	16	90 (-25)	7.0	306	129 (+83)	26	97	28	27
April	11.6 (-0.5)	3.7 (+0.5)	6.3	4.1	12	114 (-37)	11.2	232	93 (+46)	16	55	47	54
May	14.9 (-1.0)	5.7 (-0.5)	10.2	6.0	7	202 (+8)	17.3	219	108 (+57)	19	61	76	85
June	18.1 (-0.8)	9.1 (-0.1)	14.7	10.6	0	143 (-60)	16.9	156	30 (-27)	13	1	84	86
July	21.0 (+0.4)	10.8 (-0.3)	17.7	11.4	0	183 (-9)	17.7	149	25 (-28)	6	Trace	117	101
August	19.9 (-0.5)	10.1 (-0.8)	14.7	11.0	2	162 (-18)	13.9	153	67 (+5)	14	9	90	77
September	18.3 (+0.6)	8.5 (-0.6)	13.1	9.7	7	172 (+28)	12.0	181	18 (-43)	7	Trace	76	57
October	14.9 (+1.6)	7.1 (+1.2)	10.1	9.4	9	117 (+14)	6.9	158	80 (+20)	15	44	39	17
November	9.4 (+0.5)	2.4 (-0.3)	5.2	4.5	18	63 (+1)	3.1	217	52 (-20)	17	41	11	5
December	7.7 (+1.2)	2.7 (+1.7)	4.6	3.0	15	52 (+7)	2.1	294	129 (+63)	20	109	10	6
Total or mean	12.4 (-0.6)	4.6 (-0.5)	8.4	5.7	142	1405 (-103)	9.6	211	876 (+185)	186	541	581	525

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. Long period averages are for different periods. Departures are in brackets: Air temperatures 1878-1978; Sunshine 1892-1978; Rain 1948-78.