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Weather Tables Rothamsted

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ROTHAMSTED WEATHER 1970-71

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

	Temperature (°C)				Radiation			Wind	Water			
	Mean air	Soil at 10 cm	Dew-point	Ground frosts	Sunshine hours	mWh cm ⁻² day ⁻¹	Run at 2 m km day ⁻¹		Rain mm	Rain days	Drainage bare soil	Evaporation (mm) Open water
1970												
Oct.	10.7	9.6	8.1	10	97	150	235	22	12	TR	35	24
Nov.	7.3	6.3	5.2	8	52	87	250	156	23	128	18	9
Dec.	3.3	3.3	2.3	22	36	43	235	50	17	30	6	-3
1971												
Jan.	3.7 (+0.8)	3.6	2.3	14	31 (-21)	43	215	86 (+26)	19	90	5	5
Feb.	4.1 (+0.7)	2.9	1.6	21	75 (+6)	109	200	27 (-24)	9	19	14	9
March	4.4 (-0.8)	3.7	1.0	18	95 (-21)	191	235	67 (+23)	19	38	31	29
April	7.3 (-0.4)	6.8	3.4	13	123 (-30)	284	255	36 (-12)	10	14	53	49
May	11.5 (+0.4)	11.9	6.8	6	228 (+34)	473	185	49 (-4)	11	11	90	85
June	12.3 (-1.8)	13.3	9.0	0	131 (-72)	398	225	103 (+48)	14	65	79	75
July	16.8 (+0.9)	18.1	12.7	0	222 (+31)	462	150	15 (-45)	7	TR	113	93
Aug.	15.7 (+0.1)	15.6	12.6	0	130 (-49)	312	190	64 (-2)	19	10	73	60
Sept.	13.9 (+0.5)	13.5	11.2	1	167 (+22)	294	125	13 (-47)	4	TR	78	43
Oct.	11.1 (+1.5)	9.6	9.3	7	143 (+40)	179	185	73 (+12)	9	44	35	14
Nov.	5.3 (-0.5)	4.7	3.8	17	84 (+23)	85	215	69 (-6)	16	45	17	1
Dec.	5.7 (+2.1)	5.1	4.3	10	26 (-19)	33	205	20 (-47)	7	14	8	1
Total or mean	9.3 (+0.1)	9.1	6.5	107	1455 (-56)	239	200	622 (-78)	144	350	596	464

NOTES ON THE TABLE

1. Except for last column, all quantities are measured.
2. Drainage and evaporation measured in inches, soil temperature in °F.
3. Drainage is through 50 cm bare undisturbed soil.
4. Departures from long-period averages (in brackets) are for different periods:
Air temperature 1878-1970; Sunshine 1892-1970; Rain 1948-70.