

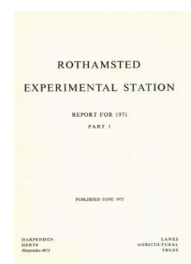
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ROTHAMSTED WEATHER 1970-71

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

	Temperature (°C)				Radiation		Wind Run at 2 m km day ⁻¹	Water				
	Mean air	Soil at 10 cm	Dew- point	Ground frosts	Sunshine hours	mWh cm ⁻² day ⁻¹		Rain mm	Rain days	Drainage bare soil	Evaporation (mm) Open water	Pot. Trans.
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.