

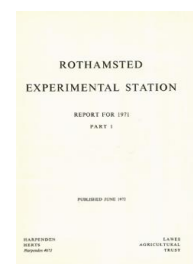
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## Report for 1971

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### Weather Tables Broom's Barn

#### Rothamsted Research

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BROOM'S BARN WEATHER 1970-71

Latitude 52° 16' N; Longitude 0° 34' E; Altitude 75 m

	Temperature(°C)				Radiation		Wind	Water			
	Mean air	Soil at 10 cm	Dew-point	Ground frosts	Sunshine hours	mWh cm <sup>-2</sup> day <sup>-1</sup>	Run at 2 m km day <sup>-1</sup>	Rain mm	Rain days	Evaporation (mm)	
										Open water	Pot. Trans.
<b>1970</b>											
October	11.3	10.1	7.8	2	104	—	215	24	14	46	38
November	7.8	6.4	5.1	4	60	—	210	153	22	—	14
December	3.7	3.5	2.2	14	36	—	215	51	19	—	1
<b>1971</b>											
January	4.2 (+0.8)	3.3	2.6	10	39 (-7)	52	235	78 (+34)	21	—	3
February	4.5 (+1.1)	3.2	1.3	14	65 (+2)	118	205	18 (-16)	11	—	7
March	4.7 (-0.2)	3.9	1.7	13	95 (-22)	—	225	41 (+5)	19	—	30
April	7.3 (-0.4)	7.1	4.1	8	117 (-21)	—	230	33 (-17)	6	57	47
May	11.6 (-0.1)	12.2	8.0	5	230 (+38)	455	160	37 (-5)	11	98	77
June	12.7 (-1.7)	13.6	9.2	0	134 (-70)	369	205	87 (+31)	17	100	73
July	17.3 (+1.2)	18.3	12.6	0	240 (+60)	475	162	35 (-21)	7	134	97
August	16.5 (+0.6)	16.1	12.8	0	136 (-22)	307	205	54 (-4)	18	96	69
September	14.4 (+0.1)	14.2	11.0	0	172 (+28)	285	160	24 (-23)	5	89	43
October	11.6 (+0.3)	10.2	9.1	4	152 (+41)	173	215	59 (+16)	10	44	18
November	5.7 (-0.2)	4.9	3.6	12	83 (+19)	80	255	77 (+8)	20	20	5
December	5.7 (+2.0)	4.9	4.1	7	29 (-8)	45	240	23 (-35)	12	7	3
Total or mean	9.7 (+0.3)	9.3	6.7	73	1492 (+38)	—	210	566 (-27)	157	—	472

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Temperature were measured in °F until September, thereafter in °C.
3. Departures (in brackets) are from averages:— Air temperature and rainfall 1964-71, sunshine 1965-71.