

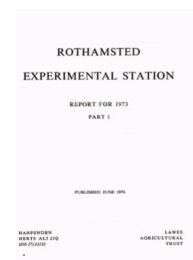
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## Report for 1973 - Part1

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### Weather Tables Broom's Barn

#### Rothamsted Research

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**BROOM'S BARN WEATHER 1972-73**

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

	Temperature (°C)				Radiation		Wind Run at 2 m km day <sup>-1</sup>	Water (mm)			
	Mean air	Soil at 10 cm	Dewpoint	Ground Frosts	Sunshine hours	mWh cm <sup>-2</sup> day <sup>-1</sup>		Rainfall	Rain days	Evaporation Open water	Pot. trans.
<b>1972</b>											
October	10.7	9.3	7.9	3	100	151	203	3	6	43	23
November	6.1	5.4	3.9	8	79	78	273	54	16	19	6
December	5.1	4.5	3.9	8	58	52	233	58	17	11	-2
<b>1973</b>											
January	4.1 (+0.7)	3.1	2.5	14	41 (- 4)	58	188	13 (-33)	12	5	2
February	3.7 (+0.2)	2.5	1.5	17	67 (+ 7)	112	258	21 (-13)	11	14	12
March	6.4 (+1.3)	4.5	2.8	13	133 (+12)	222	195	14 (-23)	7	45	31
April	7.0 (-0.7)	6.3	3.1	10	147 (+10)	303	266	46 (- 3)	16	65	51
May	11.7 (+0.1)	11.3	8.0	0	191 (+ 1)	426	251	60 (+18)	15	106	80
June	15.4 (+1.2)	17.2	10.4	0	277 (+78)	535	173	69 (+16)	5	148	101
July	15.9 (-0.1)	16.9	12.2	0	160 (-17)	393	151	46 (- 8)	15	113	79
August	17.4 (+1.5)	17.1	13.0	0	197 (+34)	373	190	24 (-30)	9	134	80
September	14.9 (+0.9)	14.4	11.3	0	175 (+35)	273	201	94 (+49)	14	85	47
October	9.4 (-1.8)	8.3	7.2	5	106 (- 4)	140	170	37 (-2)	11	32	14
November	5.5 (-0.4)	4.4	2.6	12	100 (+34)	90	256	34 (-33)	8	20	6
December	4.6 (+0.7)	3.2	2.5	12	64 (+24)	56	271	35 (-23)	20	16	2
Total or mean	9.7 (+0.3)	9.1	6.4	83	1658 (+210)	248	214	495 (-85)	143	783	505

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Departures from long-period average (in brackets) are for different periods: Air temperature and rainfall, 1964-72; Sunshine, 1965-72.