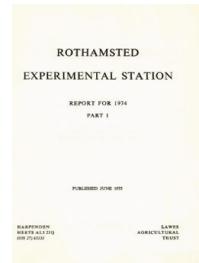


Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



Report for 1974 - Part 1

[Full Table of Content](#)



Weather Tables Broom's Barn

Rothamsted Research

Rothamsted Research (1975) *Weather Tables Broom's Barn* ; Report For 1974 - Part 1, pp 308 - 308
- DOI: <https://doi.org/10.23637/ERADOC-1-131>

BROOM'S BARN WEATHER 1973-74

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

	Temperature (°C)			Radiation		Wind Run at 2 m km day ⁻¹	Water (mm)			
	Mean air	Soil at 10 cm	Dewpoint	Ground frosts	Sunshine hours		Rainfall	Rain days	Evaporation Open water	Pot. trans.
1973										
October	9.4	8.3	7.2	5	106	140	170	37	11	32
November	5.5	4.4	2.6	12	100	90	256	34	8	20
December	4.6	3.2	2.5	12	64	56	271	35	20	16
1974										
January	5.6 (+2.1)	4.0	3.3	5	59 (+14)	64	299	38 (-5)	18	18
February	5.3 (+1.8)	4.1	3.2	5	69 (+8)	102	262	57 (+24)	17	22
March	5.7 (+0.4)	4.3	2.8	10	103 (-19)	190	235	17 (-18)	13	37
April	8.1 (+0.5)	7.6	4.3	9	155 (+17)	300	214	20 (-29)	7	80
May	11.2 (-0.4)	11.4	6.2	3	207 (+17)	425	218	30 (-14)	11	119
June	14.2 (-0.1)	15.0	9.7	0	208 (-0)	444	214	50 (-5)	13	132
July	15.5 (-0.5)	15.9	10.6	0	174 (-1)	383	242	35 (-18)	13	120
August	16.0 (-0.1)	15.7	11.9	0	200 (+34)	355	183	78 (+27)	14	124
September	12.7 (-1.4)	11.9	9.3	0	160 (+16)	254	214	89 (+37)	19	75
October	7.1 (-4.0)	6.5	5.0	2	74 (-35)	116	220	107 (+68)	19	33
November	6.6 (+0.7)	5.1	4.9	6	49 (-21)	63	231	98 (+34)	23	19
December	7.7 (+3.8)	5.5	5.0	4	47 (+4)	47	383	33 (-22)	13	22
Total or mean	9.6 (+0.2)	8.9	6.3	44	1505 (+34)	229	243	652 (+79)	180	801
										487

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Departures from long period averages (in brackets) are for different periods: Air temperature and rainfall, 1964-73; Sunshine, 1965-73.