

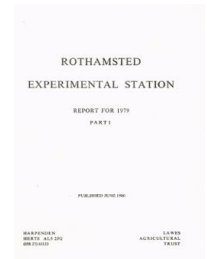
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Report for 1979 - Part 1

[Full Table of Content](#)



Weather Tables Broom's Barn

Rothamsted Research

Rothamsted Research (1980) *Weather Tables Broom's Barn* ; Report For 1979 - Part 1, pp 266 - 266
- DOI: <https://doi.org/10.23637/ERADOC-1-136>

BROOM'S BARN WEATHER 1978-79

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

Month	Temperature (°C)					Radiation		Wind Run at 2 m km day ⁻¹	Water (mm)			
	Mean maximum	Mean minimum	Soil at 10 cm	Dew point	Ground frosts	Sunshine hours	Solar Radn. MJ m ⁻² day ⁻¹		Rainfall (mm)	Rain days	Evaporation	
											Open water	Pot. trans.
1978												
October	15.3	8.5	10.3	9.3	0	95	4.91	164	8	10	33	18
November	11.1	5.4	7.3	5.6	6	96	3.13	248	17	9	—	7
December	6.4	1.8	3.5	2.5	12	39	1.45	247	90	21	—	1
1979												
January	2.0 (-4.2)	-3.2 (-4.6)	0.3	-2.0	27	63 (+18)	2.04	233	57 (+10)	22	—	1
February	3.0 (-3.4)	-1.2 (-2.2)	0.4	-1.0	26	42 (-19)	3.35	234	51 (+16)	14	—	9
March	7.9 (-0.9)	1.5 (-0.4)	3.0	1.9	13	92 (-22)	5.61	314	80 (+43)	20	—	25
April	11.7 (+0.2)	4.1 (+0.4)	6.6	4.0	6	121 (-18)	9.63	237	45 (+2)	20	63	45
May	15.5 (-0.5)	6.5 (-0.3)	10.9	6.8	7	211 (+18)	14.60	224	70 (+25)	20	104	76
June	18.7 (-0.5)	9.9 (+0.4)	15.9	10.3	0	189 (-22)	16.84	176	27 (-25)	7	129	85
July	21.2 (+0.4)	11.8 (+0.3)	17.8	11.3	0	177 (-6)	15.75	173	17 (-28)	6	128	99
August	20.4 (-0.6)	11.3 (-0.2)	15.6	12.0	0	173 (-5)	13.21	171	61 (+7)	14	121	74
September	19.0 (+0.7)	9.8 (0.0)	13.7	10.5	1	187 (+41)	10.81	213	16 (-37)	8	80	50
October	15.2 (+0.8)	7.9 (+0.6)	10.4	9.8	5	119 (+14)	5.56	178	53 (+11)	9	37	14
November	9.5 (+0.5)	3.3 (0.0)	5.1	4.1	6	66 (-6)	2.74	227	41 (-22)	15	—	5
December	7.8 (+1.1)	3.3 (+1.5)	4.4	3.2	11	64 (+19)	1.74	293	96 (+42)	21	—	2
Total or mean	12.7 (-0.5)	5.4 (-0.4)	8.7	5.9	102	1504 (+12)	8.49	223	614 (+44)	176	—	485

NOTES ON THE TABLE

Except for the last column, all quantities are measured.

Departures from long-period average are for different periods:

Air Temperature and Rainfall 1964-78; Sunshine 1965-78.