

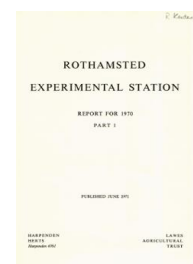
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Report for 1970 - Part1

[Full Table of Content](#)



Weather Tables Broom's Barn

Rothamsted Research

Rothamsted Research (1971) *Weather Tables Broom's Barn* ; Report For 1970 - Part1, pp 358 - 358 - DOI: <https://doi.org/10.23637/ERADOC-1-125>

BROOM'S BARN WEATHER 1969-70

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 ⁻² day ⁻¹	Run at 2 m km day ⁻¹	Rain mm	Rain days	Evaporation (mm) Open water	Pot. Trans.
1969											
October	13.5	12.3	10.5	0	114	160	200	4	5	39	25
November	5.4	5.3	2.6	11	67	81	295	74	18	—	12
December	2.6	2.5	1.2	15	14	30	240	68	20	—	2
1970											
January	3.3 (0.0)	2.7	1.8	11	24 (-23)	46	175	53 (+14)	22	—	3
February	2.8 (-0.5)	1.5	-0.4	20	92 (+30)	132	220	58 (+22)	21	—	16
March	3.1 (-1.9)	2.2	0.1	20	97 (-23)	188	195	34 (-2)	20	—	27
April	6.6 (-1.1)	5.7	3.0	12	117 (-24)	267	205	75 (+14)	26	57	46
May	13.2 (+1.2)	12.9	8.2	0	215 (+24)	462	160	21 (-21)	3	115	86
June	16.3 (+1.6)	18.2	10.0	0	280 (+72)	538	145	13 (-39)	6	145	107
July	15.7 (-0.2)	15.9	11.2	0	173 (-1)	383	165	47 (-12)	17	108	86
August	16.3 (+0.4)	15.9	12.2	0	187 (+20)	346	130	42 (-16)	12	107	71
September	15.2 (+0.9)	14.3	10.7	0	168 (+20)	281	165	36 (-14)	8	82	54
October	11.3 (-0.2)	10.1	7.8	2	104 (-3)	—	215	24 (-17)	14	46	38
November	7.8 (+1.9)	6.4	5.1	4	60 (-2)	—	210	153 (+85)	22	—	14
December	3.7 (+0.3)	3.5	2.2	14	36 (-4)	—	215	51 (-11)	19	—	1
Total or mean	9.6 (+0.2)	9.1	6.0	83	1553 (+86)	—	185	608 (+2)	190	—	549

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Temperatures were measured in °F; rain and open water evaporation in inches.
3. Departures from averages (in brackets), air temperature and rainfall 1964-70; sunshine 1965-70.