

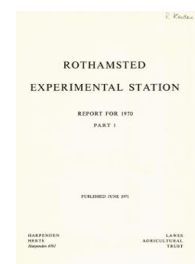
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## Report for 1970 - Part1

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### Weather Tables Broom's Barn

#### Rothamsted Research

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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 <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>1969</b>											
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
<b>1970</b>											
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.