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## Report for 1975 - Part 1

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### Weather Tables Broom's Barn

#### Rothamsted Research

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*BROOM'S BARN WEATHER 1974-75*  
 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 maximum	Mean minimum	Soil at 10 cm	Dewpoint	Ground Frosts	Sunshine hours	mWh cm <sup>-2</sup> day <sup>-1</sup>	Rain		Rain days	Open water trans.	Pot. trans.
<b>1974</b>												
October	9.9	4.3	6.5	5.0	2	74	116	220	107	19	33	13
November	9.3	3.9	5.1	4.9	6	49	63	231	98	23	19	5
December	10.2	1.9	5.5	5.0	4	47	47	383	33	13	22	12
<b>1975</b>												
January	9.1 (+3.1)	3.9 (+2.6)	4.7	4.3	3	39 (-7)	50	303	63 (+21)	19	16	7
February	7.5 (+1.2)	1.4 (+0.5)	3.1	2.5	12	73 (+12)	104	213	17 (-18)	10	10	6
March	6.9 (-2.0)	2.0 (+0.3)	3.7	2.3	11	53 (-67)	133	233	65 (+32)	25	23	19
April	11.8 (+0.2)	4.4 (+0.7)	7.1	4.6	9	116 (-23)	274	242	55 (+8)	19	56	45
May	13.5 (-1.7)	5.9 (-1.0)	10.4	5.5	4	163 (-29)	355	218	45 (+3)	10	97	66
June	19.6 (+0.6)	8.6 (-0.9)	15.9	8.6	0	278 (+70)	529	184	46 (-8)	5	160	99
July	22.9 (+2.4)	12.4 (+0.9)	18.4	12.6	0	214 (+39)	452	203	20 (-31)	7	148	104
August	25.0 (+4.3)	13.6 (+2.2)	19.8	13.2	0	243 (+73)	401	172	14 (-40)	5	165	91
September	18.6 (+4.3)	9.9 (+0.2)	13.9	10.1	0	159 (+13)	262	213	77 (+22)	15	87	48
October	13.5 (-0.8)	6.3 (-0.8)	9.1	7.3	3	124 (+18)	159	172	11 (-34)	7	37	17
November	8.8 (-0.1)	2.3 (-0.8)	4.7	3.8	13	73 (+5)	75	208	56 (-11)	17	15	3
December	6.8 (0.0)	1.8 (0.0)	3.2	2.7	13	35 (-8)	44	216	31 (-22)	11	7	3
Total or mean	13.7 (+0.6)	6.0 (+0.3)	9.5	6.5	68	1570 (+96)	237	215	500 (-79)	150	821	508

- NOTES ON THE TABLE
1. Except for the last column all quantities are measured.
  2. Departures from averages (in brackets) are for different periods: air temperature and rainfall 1964-1974, sunshine 1965-1974.