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## Report for 1974 - Part 1

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### Weather Tables Broom's Barn

#### Rothamsted Research

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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 <sup>-1</sup>	Water (mm)			
	Mean air	Soil at 10 cm	Dewpoint	Ground frosts	Sunshine hours	mWh cm <sup>-2</sup> day <sup>-1</sup>		Rainfall	Rain days	Evaporation	
							Open water			Pot. trans.	
<b>1973</b>											
October	9.4	8.3	7.2	5	106	140	170	37	11	32	14
November	5.5	4.4	2.6	12	100	90	256	34	8	20	6
December	4.6	3.2	2.5	12	64	56	271	35	20	16	2
<b>1974</b>											
January	5.6 (+2.1)	4.0	3.3	5	59 (+14)	64	299	38 (-5)	18	18	7
February	5.3 (+1.8)	4.1	3.2	5	69 (+8)	102	262	57 (+24)	17	22	9
March	5.7 (+0.4)	4.3	2.8	10	103 (-19)	190	235	17 (-18)	13	37	27
April	8.1 (+0.5)	7.6	4.3	9	155 (+17)	300	214	20 (-29)	7	80	47
May	11.2 (-0.4)	11.4	6.2	3	207 (+17)	425	218	30 (-14)	11	119	82
June	14.2 (-0.1)	15.0	9.7	0	208 (0)	444	214	50 (-5)	13	132	87
July	15.5 (-0.5)	15.9	10.6	0	174 (-1)	383	242	35 (-18)	13	120	88
August	16.0 (-0.1)	15.7	11.9	0	200 (+34)	355	183	78 (+27)	14	124	70
September	12.7 (-1.4)	11.9	9.3	0	160 (+16)	254	214	89 (+37)	19	75	40
October	7.1 (-4.0)	6.5	5.0	2	74 (-35)	116	220	107 (+68)	19	33	13
November	6.6 (+0.7)	5.1	4.9	6	49 (-21)	63	231	98 (+34)	23	19	5
December	7.7 (+3.8)	5.5	5.0	4	47 (+4)	47	383	33 (-22)	13	22	12
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.