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Report for 1971

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Full Table of Content

Weather Tables Broom's Barn

Rothamsted Research

Rothamsted Research (1972) Weather Tables Broom's Barn; Report For 1971, pp 376 - 376 - DOI: https://doi.org/10.23637/ERADOC-1-126

BROOM'S BARN WEATHER 1970-71

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

	Temperature (°C)				Radiation		Wind	Water			
1970	Mean air	Soil at 10 cm	Dew- point	Ground	Sunshine hours	mWh cm ⁻² day ⁻¹	Run at 2 m km day ⁻¹	Rain mm	Rain days	Evaporatio Open water	n (mm) Pot. Trans.
October November December	11·3 7·8 3·7	10·1 6·4 3·5	7·8 5·1 2·2	2 4 14	104 60 36	-	215 210 215	24 153 51	14 22 19	46 	38 14 1
January February March April May June July August September October November December	$\begin{array}{c} 4 \cdot 2 \ (+0 \cdot 8) \\ 4 \cdot 5 \ (+1 \cdot 1) \\ 4 \cdot 7 \ (-0 \cdot 2) \\ 7 \cdot 3 \ (-0 \cdot 4) \\ 11 \cdot 6 \ (-0 \cdot 1) \\ 12 \cdot 7 \ (-1 \cdot 7) \\ 17 \cdot 3 \ (+1 \cdot 2) \\ 16 \cdot 5 \ (+0 \cdot 6) \\ 14 \cdot 4 \ (+0 \cdot 1) \\ 11 \cdot 6 \ (+0 \cdot 3) \\ 5 \cdot 7 \ (-0 \cdot 2) \\ 5 \cdot 7 \ (+2 \cdot 0) \end{array}$	3·3 3·2 3·9 7·1 12·2 13·6 18·3 16·1 14·2 10·2 4·9 4·9	2·6 1·3 1·7 4·1 8·0 9·2 12·6 12·8 11·0 9·1 3·6 4·1	10 14 13 8 5 0 0 0 0 4 12 7	39 (- 7) 65 (+ 2) 95 (-22) 117 (-21) 230 (+38) 134 (-70) 240 (+60) 136 (-22) 172 (+28) 152 (+41) 83 (+19) 29 (- 8)	52 118 — 455 369 475 307 285 173 80 45	235 205 225 230 160 205 162 205 160 215 255 240	78 (+34) 18 (-16) 41 (+ 5) 33 (-17) 37 (- 5) 87 (+31) 35 (-21) 54 (- 4) 24 (-23) 59 (+16) 77 (+ 8) 23 (-35)	21 11 19 6 11 17 7 18 5 10 20	57 98 100 134 96 89 44 20	3 7 30 47 77 73 97 69 43 18 5
Total or mean	9.7 (+0.3)	9.3	6.7	73	1492 (+38)			566 (-27)	157	_	472

NOTES ON THE TABLE

Except for the last column, all quantities are measured.
 Temperature were measured in °F until September, thereafter in °C.
 Departures (in brackets) are from averages:— Air temperature and rainfall 1964–71, sunshine 1965–71.

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