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Report for 1969 - Part 1

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Weather Tables Broom's Barn

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ROTHAMSTED REPORT FOR 1969, PART 1

BROOM'S BARN WEATHER 1968-69

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

| | Temperature (°C) | | | Radiation | | | Wind | | | Water | | |
|---------------|------------------|---------------|----------|---------------|----------------|--|---------------------------------|-----------|-----------|------------------|-------------|--|
| | Mean air | Soil at 10 cm | Dewpoint | Ground frosts | Sunshine hours | mWh cm ⁻² day ⁻¹ | Run at 2 m km day ⁻¹ | Rain mm | Rain days | Evaporation (mm) | Pot. Trans. | |
| 1968 | | | | | | | | | | | | |
| October | 12.8 | 12.9 | 10.4 | 0 | 71 | 142 | 210 | 45 | 13 | 34 | 35 | |
| November | 6.5 | 5.2 | 4.7 | 4 | 37 | 63 | 230 | 43 | 18 | 22 | 8 | |
| December | 2.2 | 2.3 | 1.0 | 17 | 21 | 33 | 189 | 44 | 15 | — | 0 | |
| 1969 | | | | | | | | | | | | |
| January | 5.5 (+2.1) | 3.9 | 3.4 | 7 | 40 (-12) | 54 | 251 | 53 (+5) | 20 | — | 6 | |
| February | 0.3 (-3.5) | — | -2.0 | 20 | 68 (-5) | 116 | 269 | 38 (+2) | 17 | — | 11 | |
| March | 3.2 (-3.1) | — | 0.1 | 14 | 70 (-54) | 152 | 274 | 55 (+23) | 16 | — | 25 | |
| April | 7.6 (-1.2) | 6.3 | 3.2 | 15 | 186 (+26) | 353 | 290 | 36 (-7) | 16 | 60 | 57 | |
| May | 11.8 (-0.0) | 12.0 | 8.1 | 1 | 186 (-16) | 396 | 213 | 75 (+34) | 18 | 84 | 73 | |
| June | 13.6 (-1.4) | 15.2 | 9.0 | 0 | 267 (+56) | 526 | 181 | 44 (+6) | 10 | 115 | 89 | |
| July | 17.3 (+0.5) | 18.4 | 12.8 | 0 | 209 (+16) | 432 | 162 | 68 (+6) | 7 | 114 | 88 | |
| August | 16.5 (-0.2) | 16.4 | 12.5 | 0 | 124 (-61) | 304 | 186 | 60 (+9) | 16 | 88 | 68 | |
| September | 14.4 (-0.0) | 14.4 | 11.2 | 1 | 132 (-10) | 252 | 187 | 2 (-50) | 3 | 62 | 44 | |
| October | 13.5 (+2.8) | 12.3 | 10.5 | 0 | 114 (+7) | 160 | 198 | 4 (-44) | 5 | 39 | 25 | |
| November | 5.4 (-1.5) | 5.3 | 2.6 | 11 | 67 (+11) | 81 | 296 | 74 (+22) | 18 | — | 12 | |
| December | 2.6 (-2.1) | 2.5 | 1.2 | 15 | 14 (-30) | 30 | 242 | 68 (+22) | 20 | — | 2 | |
| Total or mean | 9.3 (-0.7) | — | 6.1 | 84 | 1477 (-73) | 238 | 229 | 577 (+28) | 166 | — | 499 | |

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 long-period averages (in brackets) are relative to Mildenhall.