

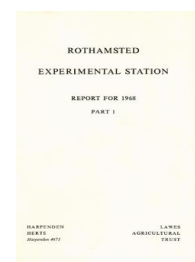
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Report for 1968 - Part 1

[Full Table of Content](#)



---

## Weather Tables Saxmundham

### Rothamsted Research

Rothamsted Research (1969) *Weather Tables Saxmundham* ; Report For 1968 - Part 1, pp 381 - 381 -  
DOI: <https://doi.org/10.23637/ERADOC-1-123>

## WEATHER TABLES

## SAXMUNDHAM WEATHER 1968

Latitude 52° 13' N; Longitude 1° 28' E; Altitude 37 m

|               | Temperature (°C) |                  | Ground<br>frosts | Radiation<br>mWh<br>cm <sup>-2</sup> day <sup>-1</sup> | Wind<br>Run at 2 m<br>miles day <sup>-1</sup> | Water (mm) |                  | Accumulated<br>Day-degrees F |     |
|---------------|------------------|------------------|------------------|--------------------------------------------------------|-----------------------------------------------|------------|------------------|------------------------------|-----|
|               | Mean air         | Soil at<br>10 cm | Dewpoint         |                                                        |                                               | Rain       | Evapora-<br>tion | A                            | B   |
| January       | 2.6              | 3.8              | 0.0              | 64                                                     | 195                                           | 64         | 14               | 34                           | 197 |
| February      | 2.2              | 2.4              | -1.5             | 89                                                     | 150                                           | 60         | 12               | 38                           | 379 |
| March         | 6.4              | 4.9              | 2.5              | 205                                                    | 230                                           | 28         | 13               | 150                          | 448 |
| April         | 8.1              | 8.0              | 3.0              | 355                                                    | 160                                           | 27         | 12               | 343                          | 501 |
| May           | 10.0             | 10.0             | 6.5              | 349                                                    | 130                                           | 42         | 14               | 604                          | 511 |
| June          | 14.4             | 15.4             | 11.0             | 405                                                    | 120                                           | 56         | 18               | 1082                         | 512 |
| July          | 14.7             | 15.9             | 12.0             | 356                                                    | 105                                           | 64         | (9+)             | 1595                         | 512 |
| August        | 15.7             | 15.2             | 12.0             | 287                                                    | 135                                           | 73         | 18               | 2162                         | 512 |
| September     | 14.3             | 13.1             | 11.0             | 238                                                    | 150                                           | 139        | 16               | 2636                         | 512 |
| October       | 12.6             | 11.2             | 10.0             | 123                                                    | 140                                           | 51         | 12               | 3032                         | 513 |
| November      | 6.7              | 6.6              | 4.0              | 65                                                     | 150                                           | 41         | 23               | 3133                         | 550 |
| December      | 2.4              | 2.9              | -1.0             | 67                                                     | 150                                           | 45         | 13               | 3151                         | 741 |
| Total or mean | 9.2              | 9.1              | 5.8              | 217                                                    | 150                                           | 690        | 174              | —                            | —   |

## NOTES ON THE TABLE

1. Except for the last two columns, all quantities are measured.
2. Temperatures were measured in °F.
3. 'Soil at 10 cm' and 'Dewpoint' are at 0900 GMT.
4. 'Radiation' is measured on a radiometer built at Rothamsted.
5. Rain and evaporation were measured in inches.
6. 'Evaporation' is the mean of two open water tanks, installed 21 March 1968. They are 22 in. diameter, 12 in. deep, and set 6 in. in the ground. Water level is about 2½ in. below the rim.
7. Calculated values of accumulated temperatures are:
  - A. Day-degrees above 42° F
  - B. Day-degrees below 42° F