**Introductory page for met stations on e-RA:**

**Daily meteorological data** for the three research sites at Rothamsted (Harpenden), Woburn and Brooms Barn are available through the ROTHMET, WOBMET and BROOMET databases respectively from e-RAdata.

Daily rainfall has been measured at Rothamsted (Harpenden) since 1853 and temperature since 1878. Measurements at Woburn date back to 1928 and to 1982 at Brooms Barn.

You will need to complete a registration form [http://www.era.rothamsted.ac.uk/newGold.php] to download the data.

**Derived variables:** As well as the daily recorded variables, a range of **derived variables** [**http://www.era.rothamsted.ac.uk/info/met/derived\_variables**](http://www.era.rothamsted.ac.uk/info/met/derived_variables)can be calculated on extraction of the met data. These include day degrees above (accDDA) and below (accDDB) a base temperature, potential soil moisture deficit (PSMD) and other derived weather variables. To get the full benefit of this calculated variables feature use either Google CHROME or FrontMotion Firefox.

Monthly summary data for [**Saxmundham**](http://local-info.rothamsted.ac.uk/eRA/tera/Met/SaxMet1966) 1966-1985 is available as an Open Access dataset. <http://www.era.rothamsted.ac.uk/dataset/sms/01-SaxMet1966>

Summary data is also available as Open Access datasets for Rothamsted. These include:

* Annual mean temperature since 1878 <http://www.era.rothamsted.ac.uk/dataset/rms/02-RMAAtemp>
* Mean monthly rainfall since 1853 <http://www.era.rothamsted.ac.uk/dataset/rms/01-RMMRAINS5318>
* 30-year mean data <http://www.era.rothamsted.ac.uk/dataset/rms/01-R30YrMeans9120>

**Hourly met data** is available for Rothamsted (Harpenden) and Woburn – since 2004 and Broom’s Barn – since 2013. Please contact the [e-RA Curators.](mailto:era@rothamsted.ac.uk) (we can direct Rothamsted Staff only to  <https://rothamsted.sharepoint.com/sites/MeteorologicalData> where they can fill in a request form)

**Real-time** hourly, daily and yearly weather charts for Rothamsted, Woburn and Brooms Barn are available on-line over 28 days or 365 days (rolling) via the [Rothamsted Environmental Change Network (ECN) pages](http://resources.rothamsted.ac.uk/environmental-change-network/rothamsted-weather-charts#loaded)

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