# How to extract weather data from e-RA, the electronic Rothamsted Archive

Guidance for the Public and Schools



# e-RA: the electronic Rothamsted Archive

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## Extract Data

### Weather data for the Public and Schools

Welcome to the **Rothamsted Weather Data for the Public and S** teachers and students, in the classroom or for projects at home. T for schools.

On the Schools webpage, click 'Extract Data' button

be used by anyone with an interest in local weather, including the data is measured, long-term weather and question sheets



Rothamste weather Station



Rothamsted Stevenson Screen

# Rothamsted weather data for the public:

A simple set of daily Rothamsted weather data, from 1918 to the current date, is freely available to download. It contains daily rainfall, maximum and minimum temperatures, sun and wind data.

To extract your data, go to the 'Extract Data' button at the top of this page.

Username: public Password: Fest175

This will give you access to the dataset **publicdaymet**. To select a particular date or range of dates, click the right box next to 'day' then go to 'filter' and 'set' your dates. Use 'Getting Started' and 'Show Help' if you need more help with accessing the data, or contact the e-RA Curators.









Stevenson Screen thermometers



Schools weather data: The provision of the schools data arose after discussions with local secondary schools who expressed an interest in using "real local data". It is anticipated the data will be useful in a variety of National Curriculum subjects including geography, science, maths and computing. All the data are freely available, just contact the e-RA Curators for a password to access the data.

- Background
- · Description of variables
- Data Available
- · Question sheets and handouts for schools
- · Long-term weather
- Website links

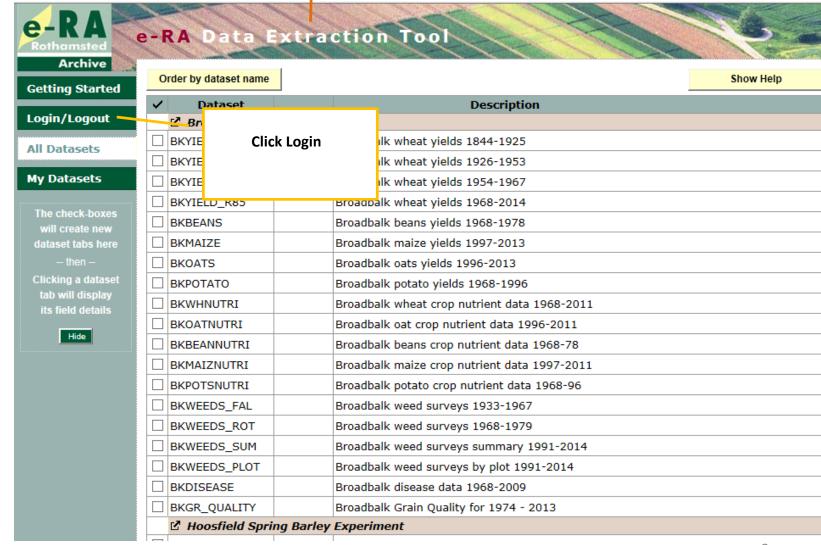


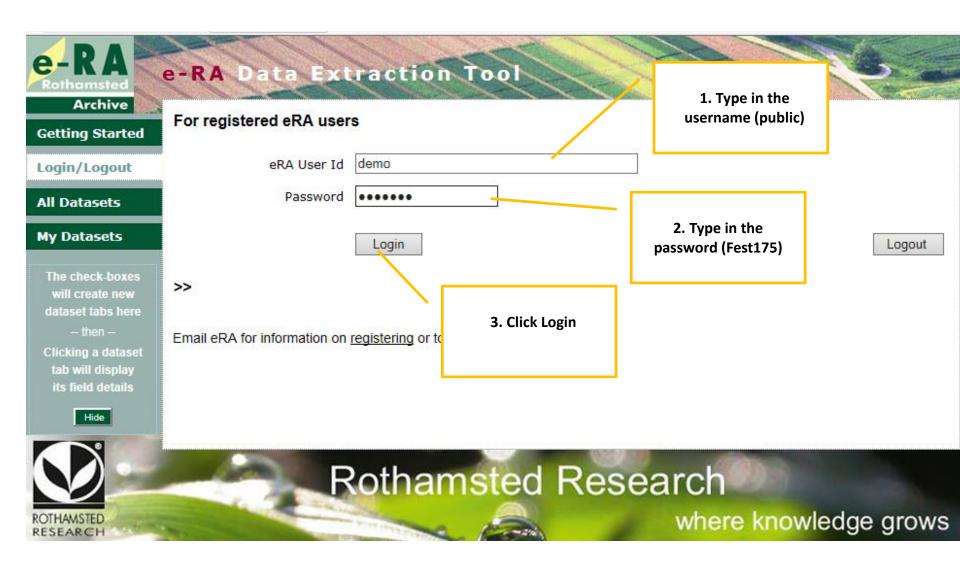
instruments



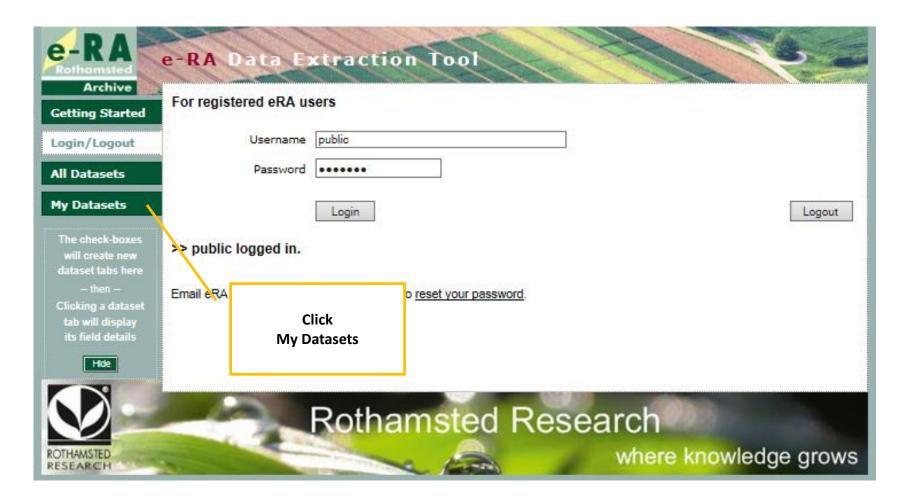
5" rain gauge within turf wall

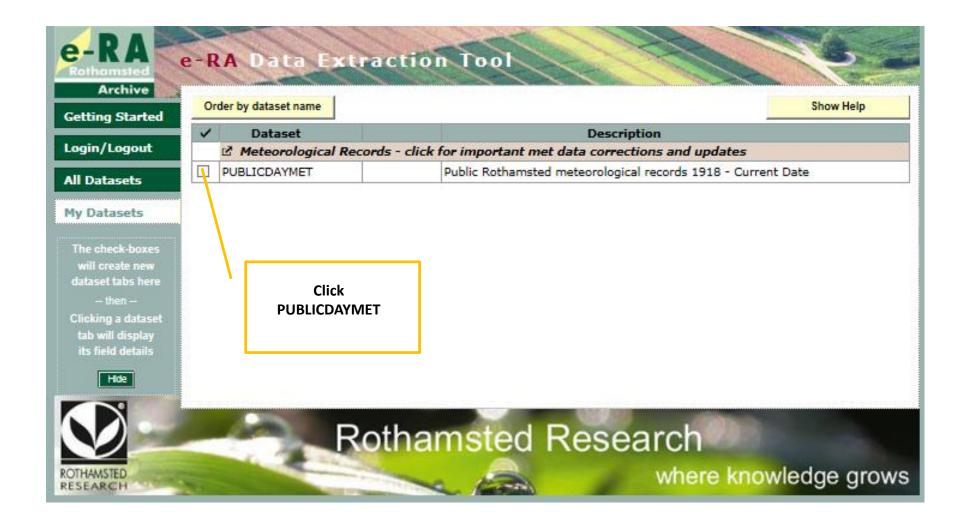
You are now in the 'Data Extraction Tool'

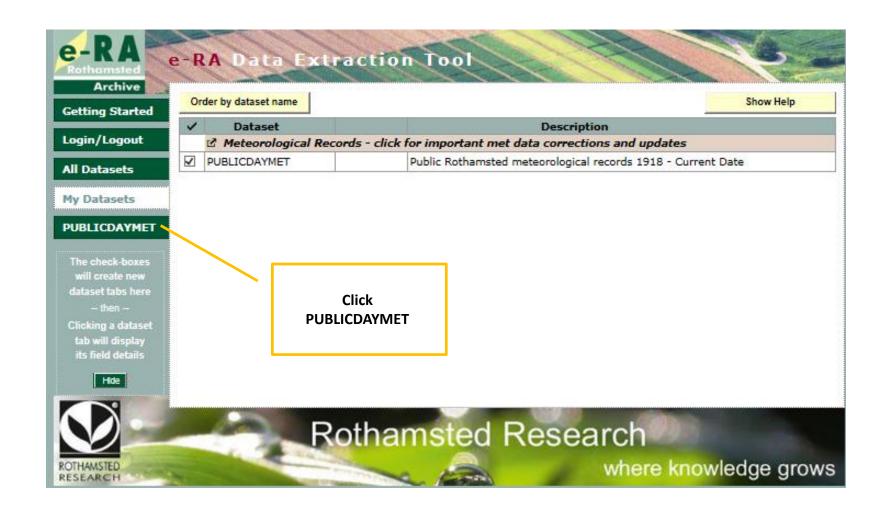


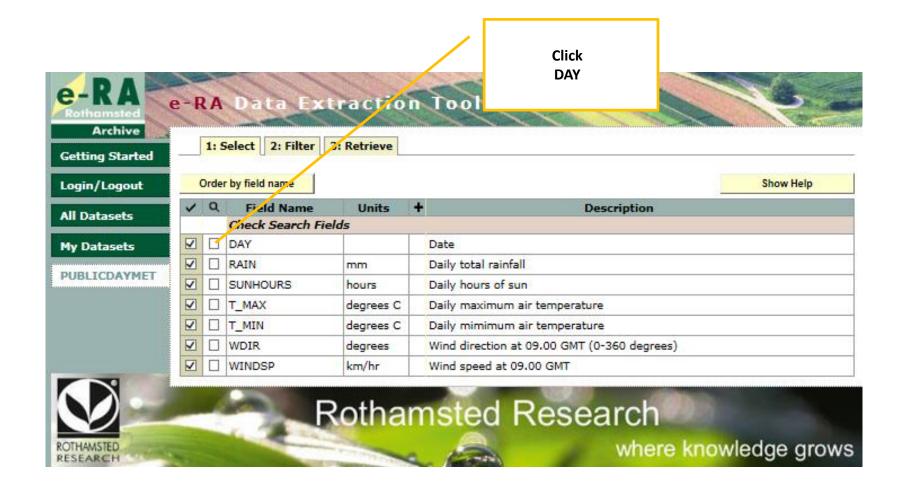


Password: jan2016

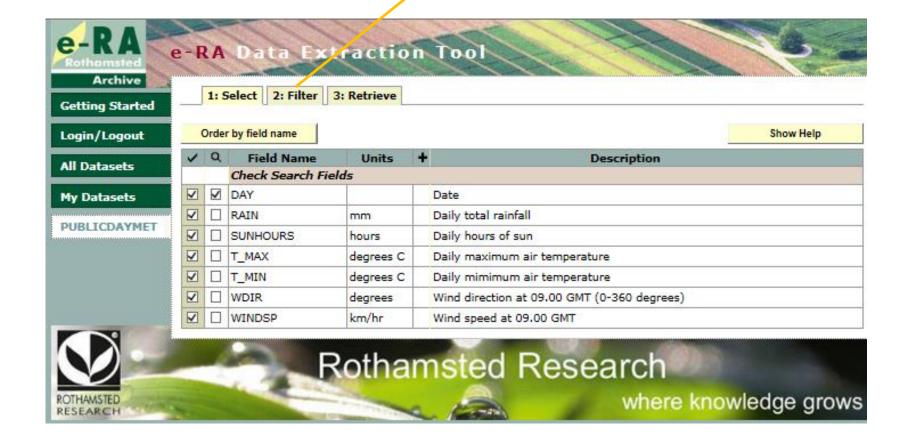


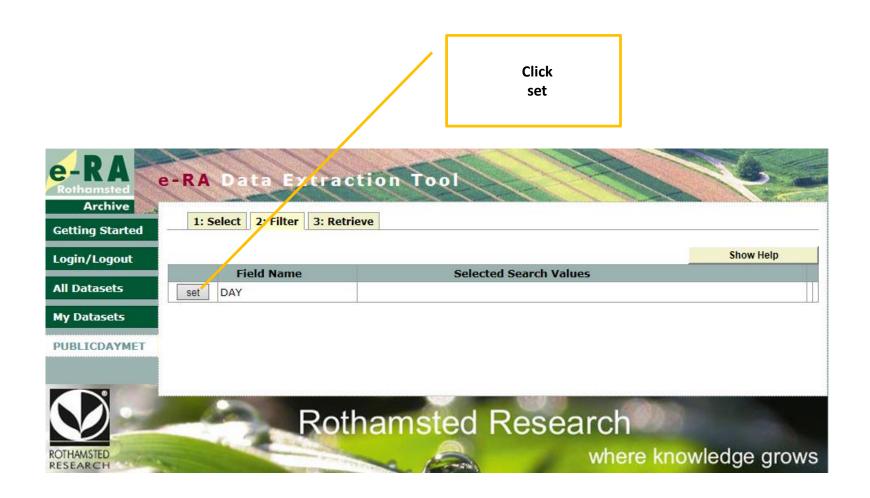


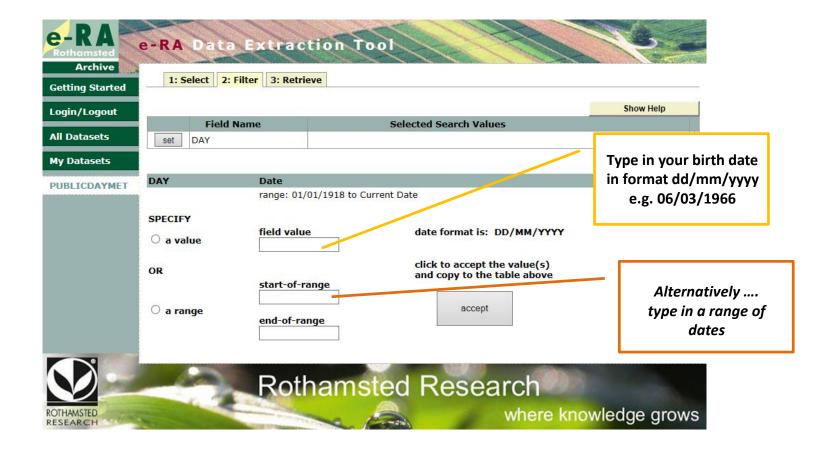


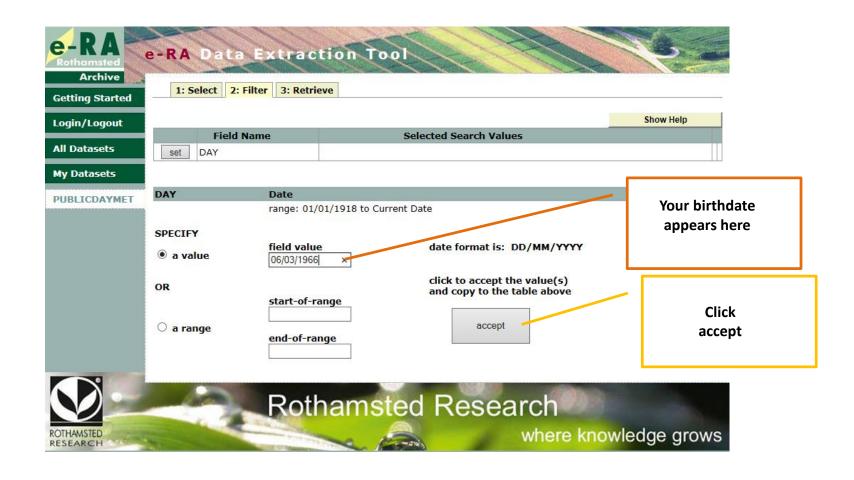


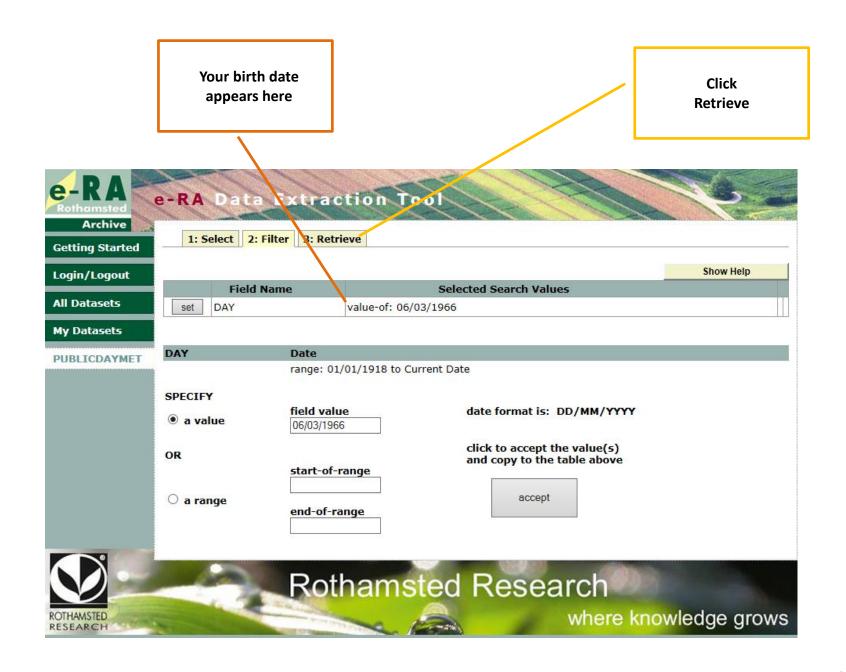
Click Filter

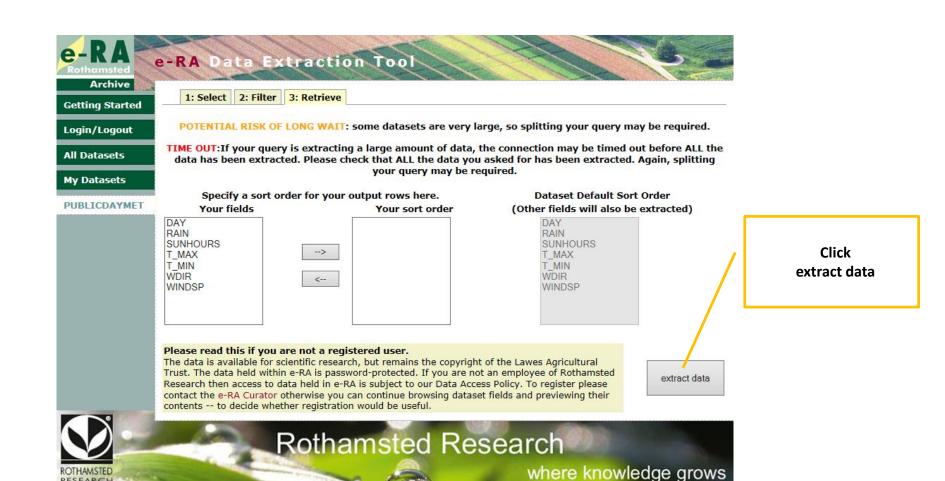








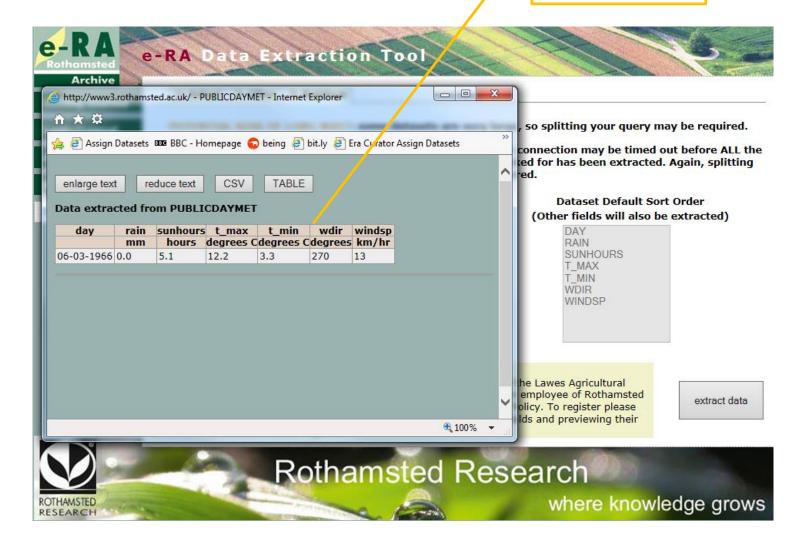


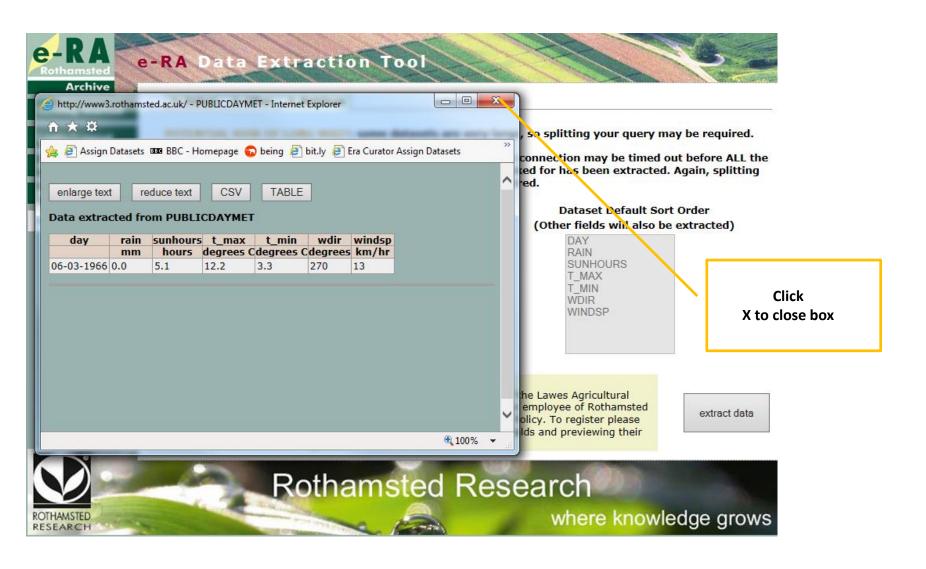


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These are your results

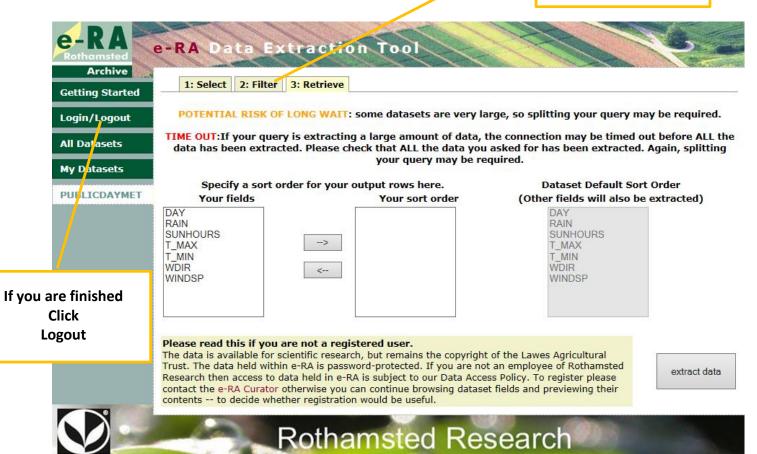
– the weather on
your birth date!



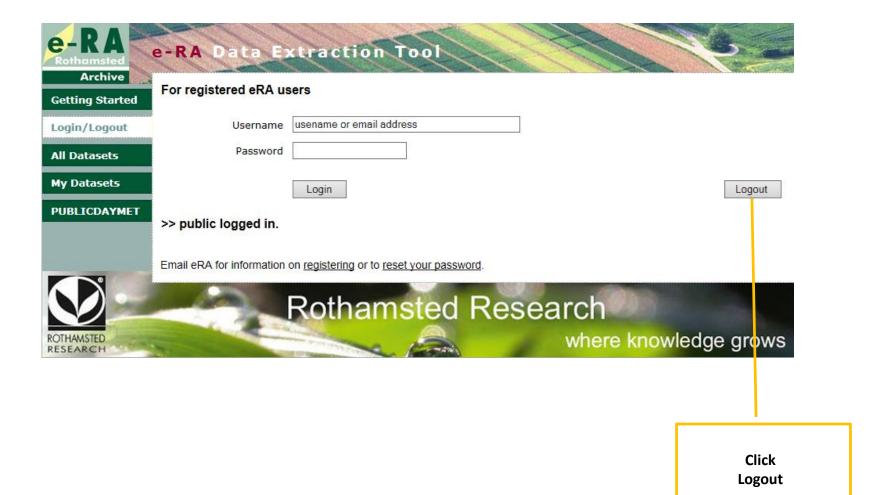


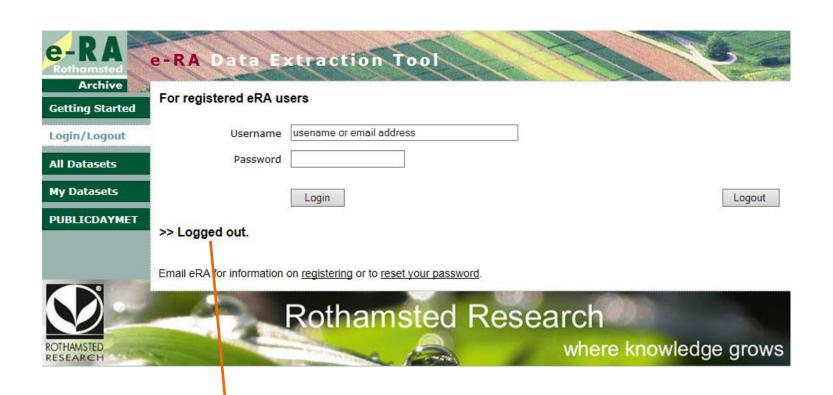
To extract another date click 'Filter' and repeat steps from page 10 above

where knowledge grows



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You are now logged out. Thank you for using e-RA.

Send feedback or enquiries to the e-RA curators at email era.rothamsted@ac.uk