

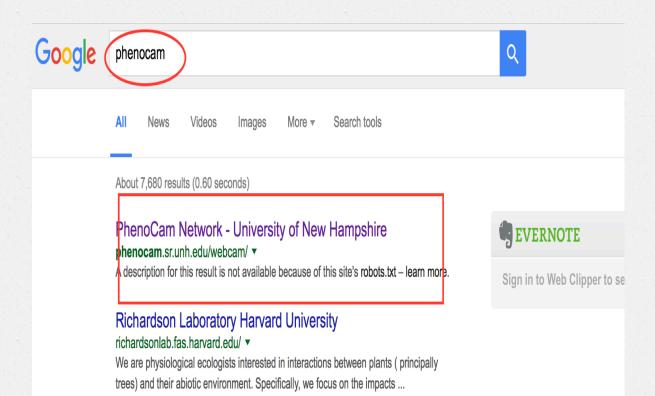
Maria R. Blewitt



- It is a camera set up to take pictures periodically throughout the day.
- PhenoCams are set-up to look at natural areas.
- The data from the digital pictures is used to track changes in phenology over time.





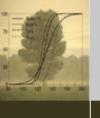


PHENOCAM



An ecosystem phenology web camera network

About Gallery Map • FAQ • Tools • Data • Site Table • Admin



PhenoCam Gallery

About

Gallery

Map

FAQ

IR

Tools

Data

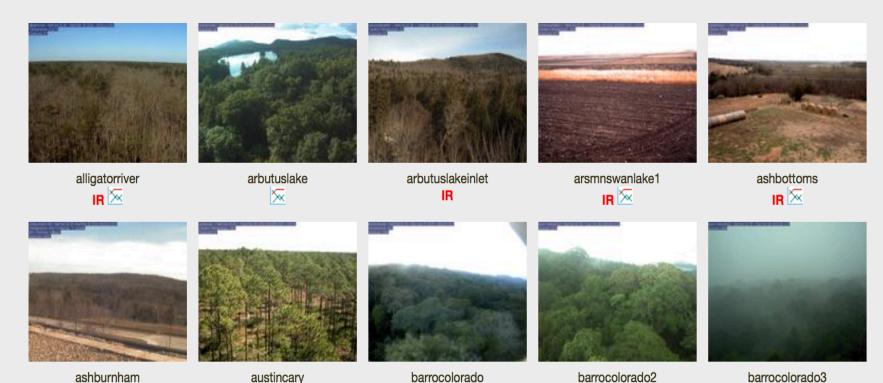
Site Table

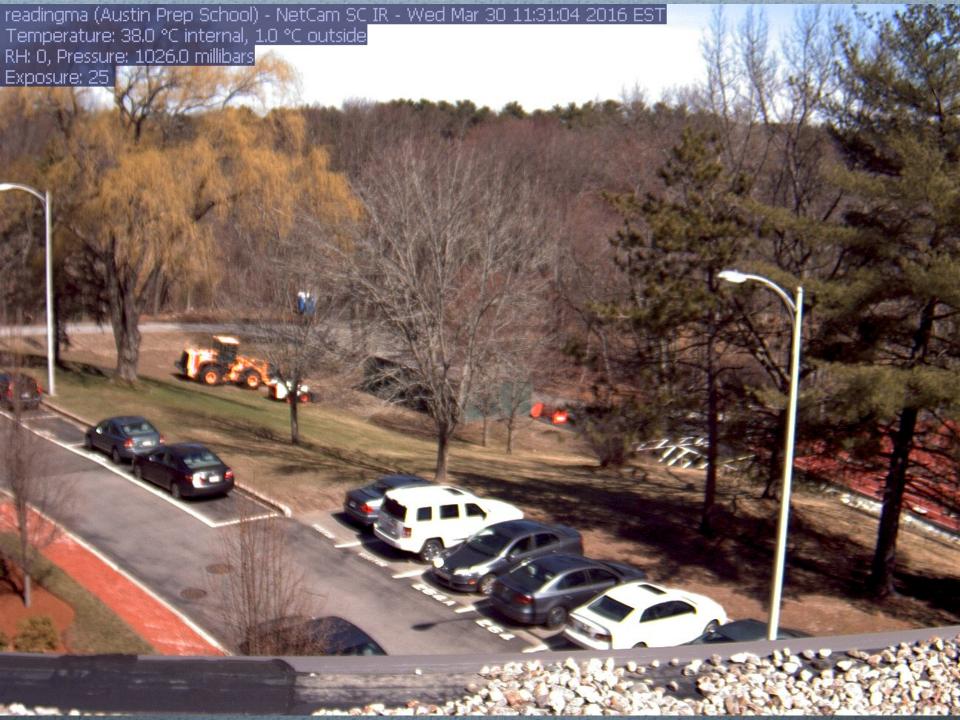
Admin

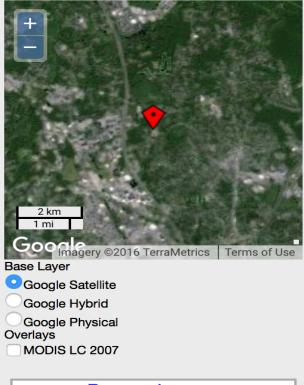
Welcome, mblewitt (logout)

Click on an image to go to that site's page (currently, core sites only). Or go to the location map to find a site geographically. IR indicates a site where both RGB and IR images are being collected. indicates a site where timeseries plot(s) are displayed.

Core Sites: (160)







Browse Images

ROI Links:

ROI Page - DB_0001

What is an ROI?

øIt is a Region of Interest.



PHENOCAM - ROI Information

About

Gallery

Map FAQ

Tools

Data

Site Table

Admin

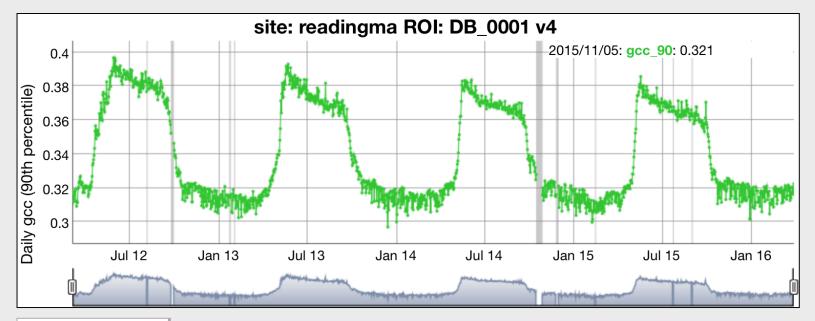
Site Name: readingma

Lat: 42.5304 Lon: -71.1272 Elev(m): 100

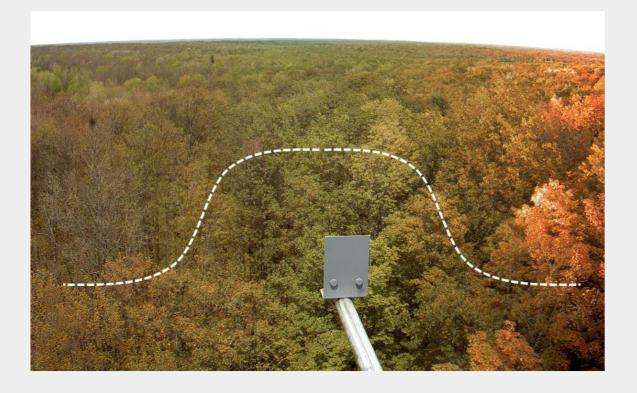
Image Count: 51072 Start Date: 2012-03-06 Last Date: 2016-03-29

ROI Name: DB_0001 (Deciduous trees in background center left)

gcc (green chromatic coordinate) timeseries plot



PHENOCAM



An ecosystem phenology web camera network

About • Gallery • Map • FAQ • Tools • Data • Site Table • Admin



Software Tools

About

Gallery Map FAQ Tools

Site Table Data

Admin

Welcome, mblewitt (logout)

Welcome to the PhenoCam Software Tools page.

Camera Setup Instructions and Tools

Here are some helpful documents for camera setup:

Scroll Down

GUI

Stands for Graphical User Interface

Image Analysis Tools

PhenoCam GUI - precompiled MATLAB version

The PhenoCam GUI application is available as a pre-compiled MATLAB® program (no license required). It is available for both Windows (XP, and Windows7) and Mac OSX platforms. To run the application you need to first install the MATLAB runtime compiler (bundled in the download). Included in the download are instructions for running the application.

- Windows 32-bit Version PhenocamGUI-W32 v1.1 (~200Mb)
- Windows 64-bit Version PhenocamGUI-W64 v1.1 (~205Mb)
- MacOSX (intel) 64-bit Version PhenocamGUI-Mac64 v1.1 (~320Mb)

Sample Data Set

A sample data set from the Harvard camera is here: sample data (~900Mb). Image data from other cameras is available on our data download page. To download additional image data you must first register at our site. Please see our fair-use statement before publishing results based on this image data.

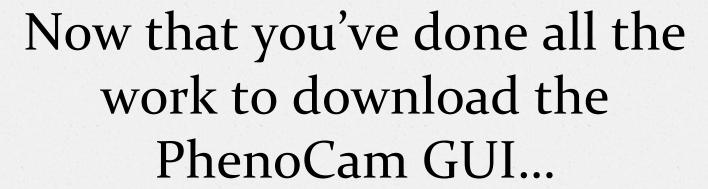
PhenoCam GUI - MATLAB source version

For users with a MATLAB license a source code version of the GUI tool is provided. This version has been run on Windows, Mac OSX and Linux systems.

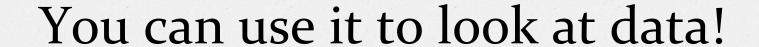
MATLAB source version PhenocamGUI-src v1.2

The latest version of the User Guide can be found here.





What can you do with it?



You can find an ROI (region of interest), and map out the "greenness" of that region.



Day of Year (DOY)

See me with questions!