

AmeriFlux • Download Data r8 Download Data page - Default

Notes

Step

The next step shows:

 Some user selections for Site(s), year(s) and Intended Use.

UI Spec

1. Level 2 link: URL:

```
http://ameriflux.lbl.gov/data/
aboutdata/
```

Add an anchor for this link to the Level 2 section on that page.

2. AmeriFlux data archive link: URL:

```
http://ameriflux.ornl.gov/
```

- **3. Sign In text:** Only visible if user is not signed in.
- **4.** Selector values, etc.: See next page (Download Data page Selectors)
- 5. Prepare Files for Download button: Initiates calculation of file size, so that user can decide whether or not to proceed.



AmeriFlux · Download Data r8 **Download Data page - Selectors**

Step

The next step shows:

 Sign In page. If user were signed in already, next step would be Download Data page with Download File overlay.

Data / Download Data

Home

Download Data

Level 2 data is available from this page. For other data products, please visit the FluxNet data archive.

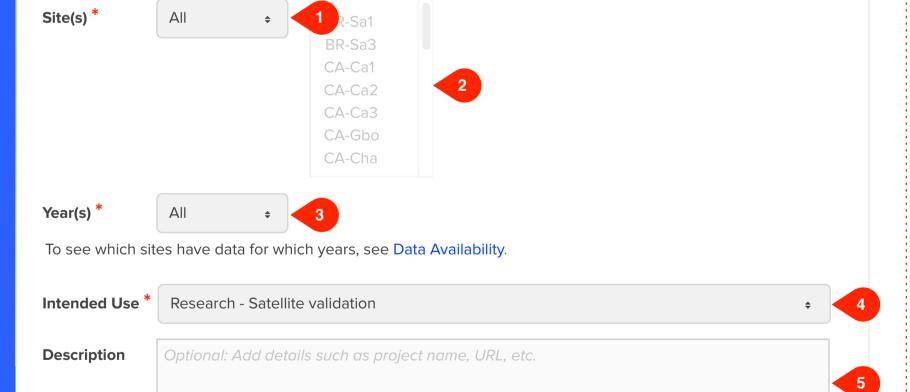
Community -

• Select options below, enter your intended use and click Prepare Files for Download. Note: Your download will be faster and email traffic reduced if you only choose the sites and years of interest. Choose "One or More" from the In Site(s) menu below.

Data -

Resources -

- You are not signed in. The next screen will be Sign In, after which you'll be taken to the Download File page.
- When files are downloaded, your contact information, intended use and list of data files will be automatically shared with the tower PI by email.



UI Spec

1. Site(s) selector: Values:

Choose A]] One or More

Selectors for Site(s) and Year(s) are completely independent.

2. Site pick list: Disabled unless "One or More" is chosen in selector. Could be hidden, but good to provide user with scent of functionality, to reduce file assembly and download time. Allow multiple selections, as is true for current pick list on this page:

Q

Community > Research Highlights > Add a Highlight

See "Download Data page - Variation 1."

3. Year(s) selector: Values:

Choose A11 Range Single Year

When Range is selected, show from/to UI with two year selectors. See "Download Data page -Variation 1."

When Single Year is selected, show single year selector. See "Download Data page - Variation 2."

4. Intended Use selector:

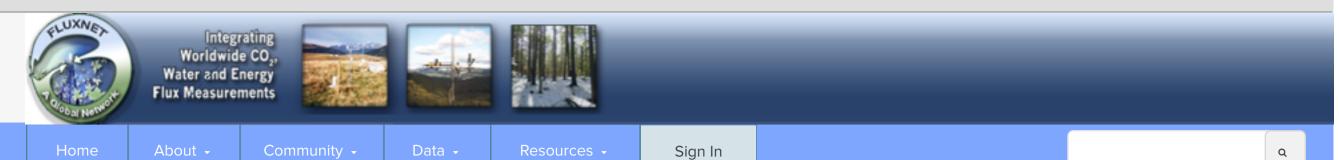
Values:

- Research Satellite validation
- Research Inverse modeling
- Research model evaluation
- Research Comparison with other measurements
- Research Other (description required)
- Teaching
- Student Coursework
- Other (description required)

5. Optional Description

By clicking Prepare Files for Download I acknowledge that I have read and agree to the FluxNet Data Policy.

Prepare Files for Download



Sign In

Create New Account

User Name *

Password *

Lost Password

Sign In

Cancel

3

AmeriFlux • Download Data r8 Sign In

Notes

Step

The next step shows:

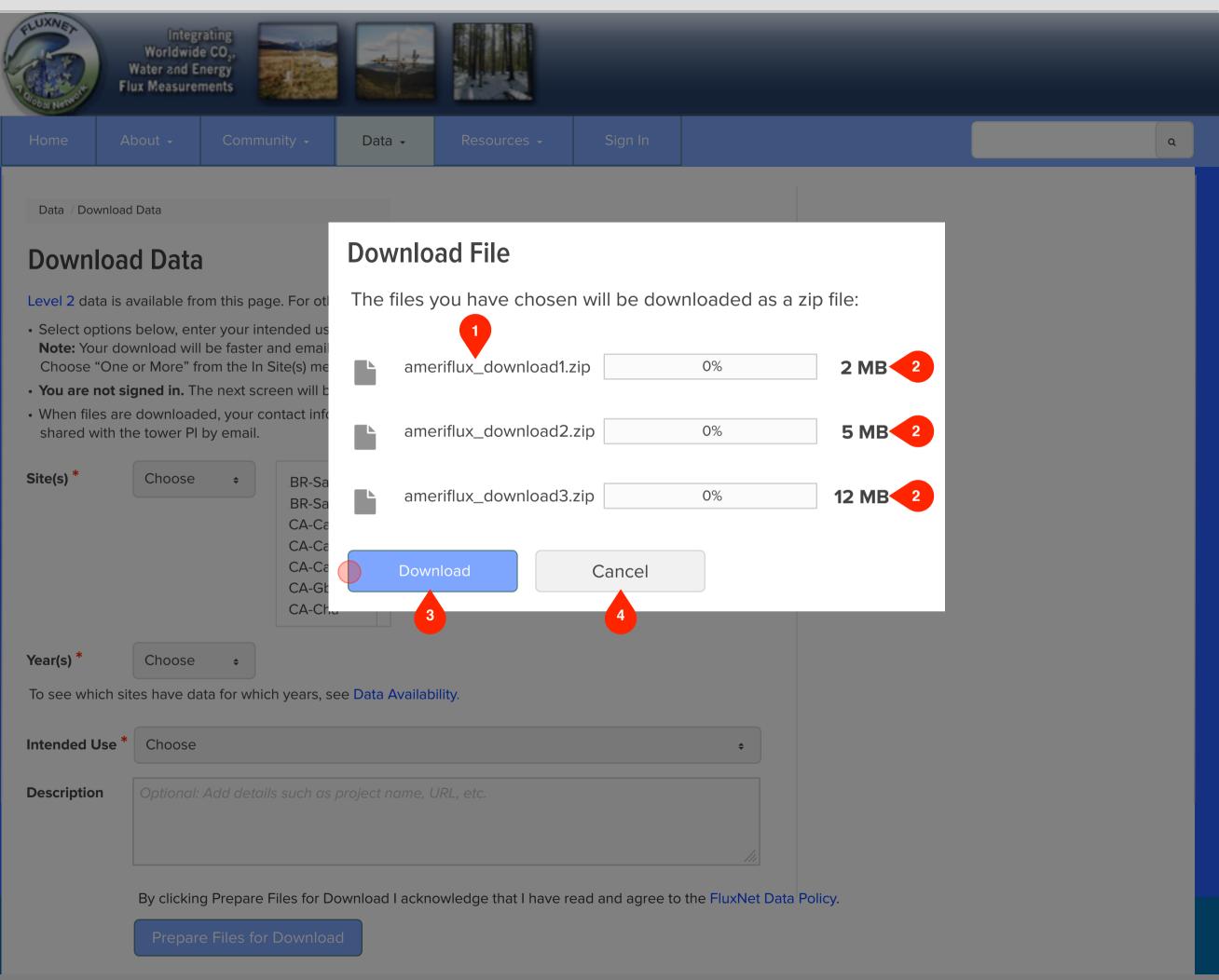
 Download Data page with Download File overlay

UI Spec

1. Flux account popover text:

Your Flux account works on AmeriFlux, FluxNet and ISCN websites.

- 2. Sign In button: Takes the user to the Download Data page with the Download File overlay showing, ready to download the user's requested data files.
- **3. Cancel button:** Takes user back to Download Data page.



AmeriFlux • Download Data r8 Download File

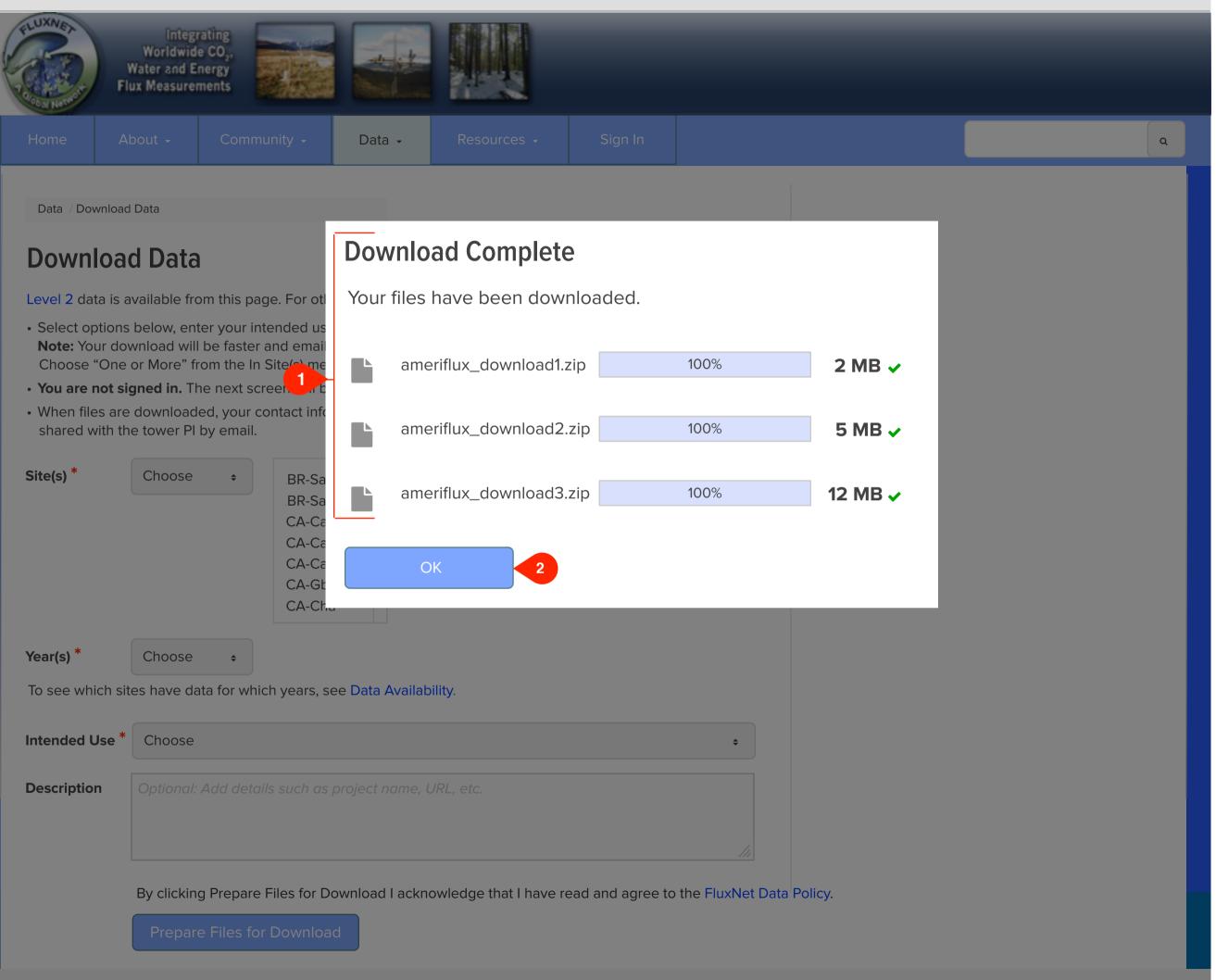
Notes

Step

The next step shows:

Download Complete overlay

- Filenames: Specs for file to come. Investigation into feasibility to come. Concept is to download as few files as feasible. Download will include:
 - All requested data files
 - MATLAB-compatible manifest with checksum
 - ReadMe file containing data policy
- Progress meters and file sizes: File size allows user to assess how this matches their expectations, and feasibility of proceeding given their context e.g. bandwidth.
- 3. Download button: Initiates download of zip file. Once file has been downloaded, record of the download event is entered into database, and email message is sent to PI. Investigation into best way to confirm successful download to come.
- **4. Cancel button:** Takes user back to Download Data page.



AmeriFlux · Download Data r8 Download Complete

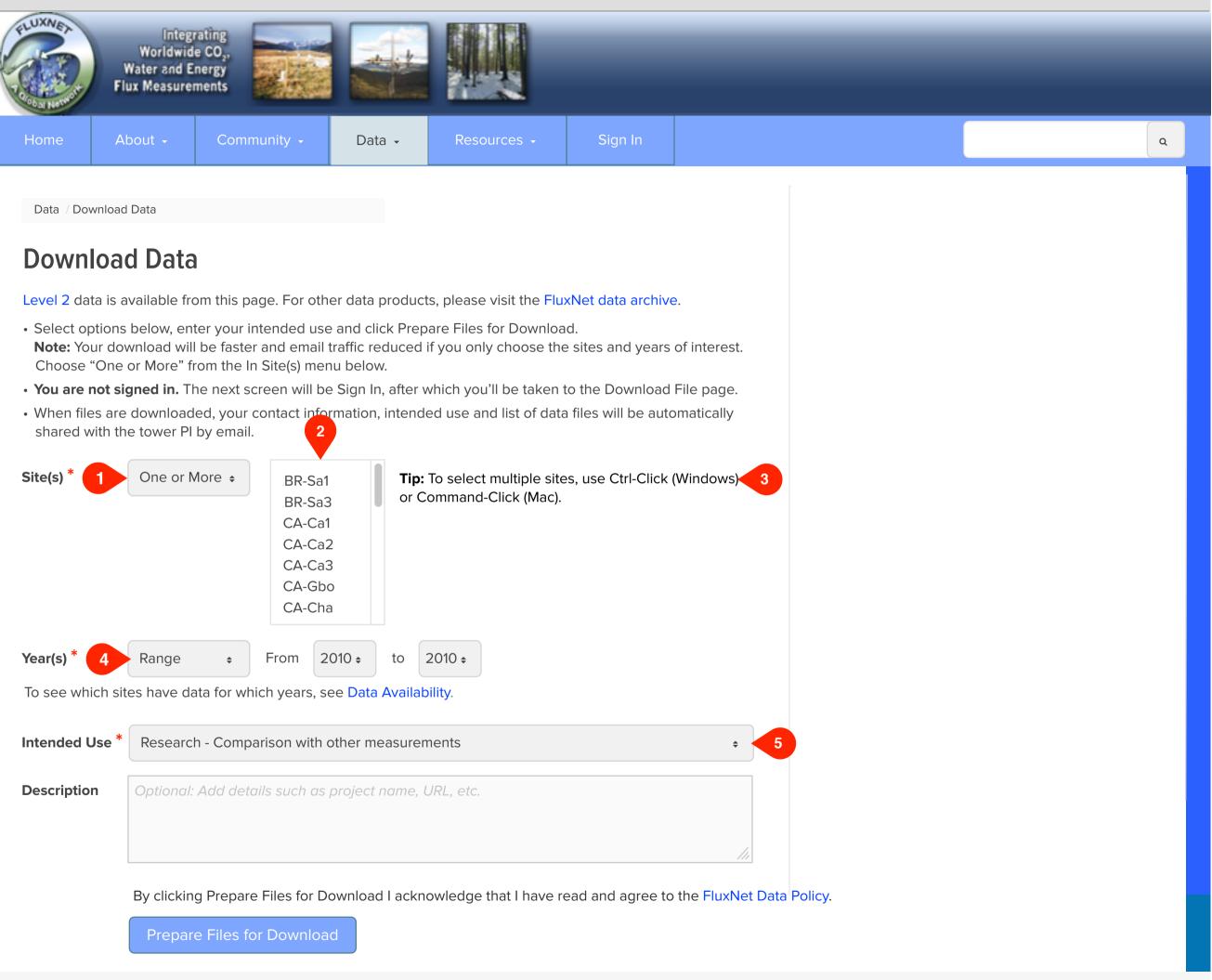
Notes

Step

The next step would show:

 Return to Download Data page with default settings.

- Updated overlay title, content progress meters and status indicators: UI for rare case of failure may need to be investigated. Overlay would suggest diagnostic information and remediation suggestions.
- OK button: Returns user to Download Data page with default settings



AmeriFlux • Download Data r8 Download Data page - Variation 1

Notes

- 1. Sites(s) selector: "One or More" chosen.
- Site pick list: Enabled when "One or More" is chosen in selector.
- **3. Pick list tip:** Visible when "One or More" is chosen in selector.
- **4. Year(s) selector**: "Range". "From/to" UI is visible, with two selectors.
- 5. Intended Use selector: With user's choice.

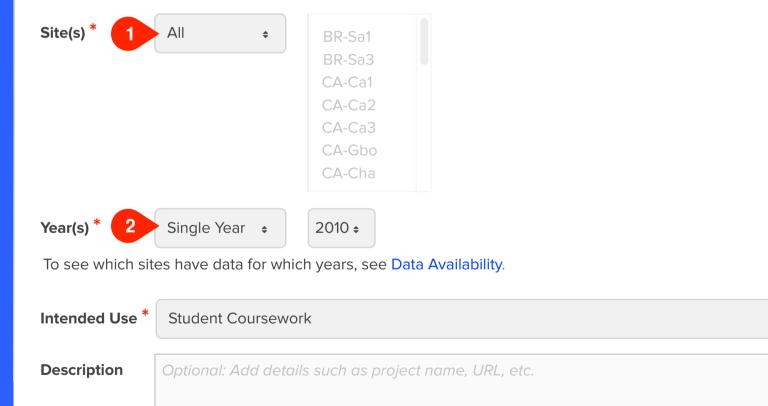


Data / Download Data

Download Data

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- Select options below, enter your intended use and click Prepare Files for Download.
 Note: Your download will be faster and email traffic reduced if you only choose the sites and years of interest.
 Choose "One or More" from the In Site(s) menu below.
- You are not signed in. The next screen will be Sign In, after which you'll be taken to the Download File page.
- When files are downloaded, your contact information, intended use and list of data files will be automatically shared with the tower PI by email.



By clicking Prepare Files for Download I acknowledge that I have read and agree to the FluxNet Data Policy.

Prepare Files for Download

AmeriFlux • Download Data r8 Download Data page - Variation 2

Notes

- 1. Sites(s) selector: "All" is chosen. Site pick list is disabled.
- **2. Year(s) selector**: "Single Year". One selector is visible.