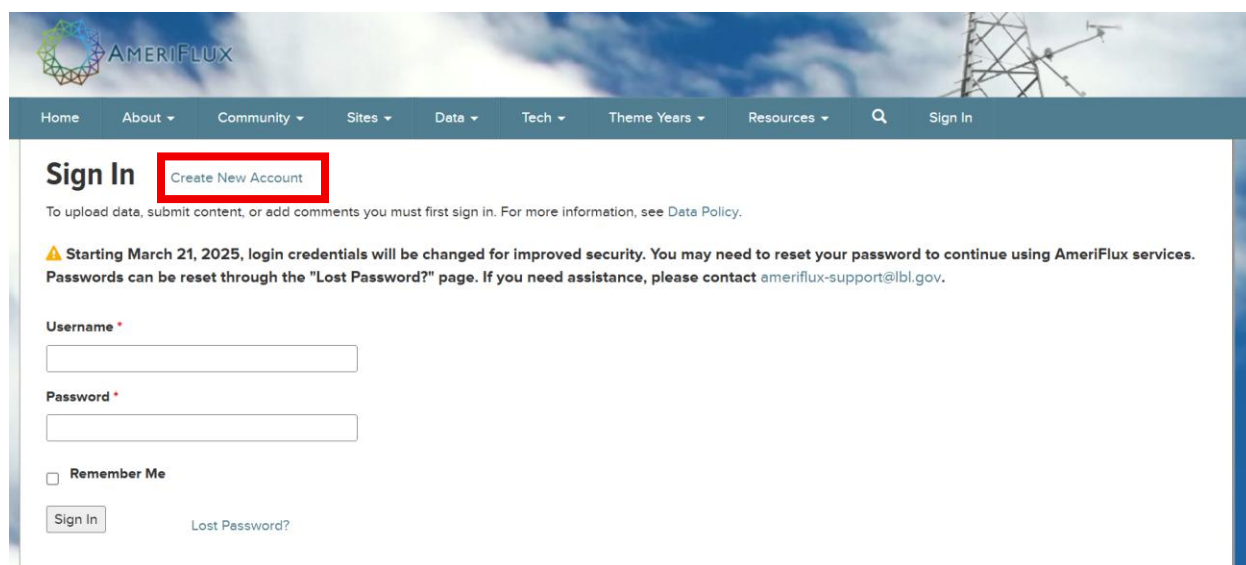


GUIDE ON HOW TO DOWNLOAD FLUXNET DATA PRODUCTS

There are two ways to download FLUXNET data, either from AmeriFlux webpage or from FLUXNET webpage.

From AmeriFlux webpage

STEP 1: Create an AmeriFlux account [here](https://ameriflux.lbl.gov/). You can also use this account to log in to the AmeriFlux website: <https://ameriflux.lbl.gov/>

The image shows the AmeriFlux website's login interface. At the top, there is a navigation bar with links for Home, About, Community, Sites, Data, Tech, Theme Years, Resources, and a search icon. Below the navigation bar, the 'Sign In' section is highlighted. A red rectangle is drawn around the 'Create New Account' link. Below this link, there is a message about upcoming security changes for March 21, 2025. The login form includes fields for 'Username' and 'Password', a 'Remember Me' checkbox, and a 'Sign In' button. A 'Lost Password?' link is also present.

STEP 2: After logging in, explore the data products available for your site. Navigate to **Data > Search Data Availability**. Using the search bar, find your sites by typing in their designated site ID.

Home About Community Sites **Data** Tech Theme Years Resources

Home / Sites / Site Search Quick Sites: Recents Favorites

Search Sites and Data Availability

☒ Search all site info

Data Product: All

Data Variables

☒ And ☐ Or

☐ GPP

☐ RECO

☐ NEE

☐ FC

☐ FCH4

Data Characteristics

☐ Data Use Policy: Any Policy

☐ Years: Any in Range: to

☐ Record Length: yrs

Site Characteristics

☐ Vegetation (IGBP):

☐ Affiliated Network:

☐ MAT: ≤ °C

☐ MAP: ≤ mm

☐ Lat: ≤ °

☐ Long: ≤ °

Filters Applied

☒ And ☐ Or

Data Product: All

No Data Variables Selected

No Data Characteristics Selected

Data coverage and available data products are displayed further down the display window. BASE files are data submitted by site PIs that have passed AmeriFlux data quality checks, but don't always have gap-filled and partitioned fluxes. FLUXNET files are gap-filled and contain the gapfilled and partitioned fluxes using the ONEFlux processing pipeline. Read more about the differences between BASE and FLUXNET files [here](#) and the ONEFlux process [here](#). Select **Download Data** at the bottom left of the page, then choose **AmeriFlux FLUXNET**, and **Go to Download**.

[Data Availability](#) [Site Characteristics](#)

Data Availability shown for data products BASE, FLUXNET.

☒ Site Selector Selected sites: 1 site ☐ Show only selected

Site ID	Policy	Data Product (Variables)	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
<input checked="" type="checkbox"/> US-Ha1	C	AmeriFlux BASE (27)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		AmeriFlux FLUXNET	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Product and Policy

Choose Product and Policy

You have selected 1 sites.

Not all of those sites have all data products available for both policies. All sites have BADM.

Choose one combination of Data Product and Data Use Policy

	Number of sites	Data Product	Data Use Policy
<input checked="" type="radio"/>	1	AmeriFlux FLUXNET	CC BY-4.0
<input type="radio"/>	1	AmeriFlux BASE	CC BY-4.0
<input type="radio"/>	1	AmeriFlux BASE	Legacy
<input type="radio"/>	1	BADM Only	CC BY-4.0
<input type="radio"/>	1	BADM Only	Legacy

Your selection will prepopulate the steps in Download Data.

STEP 3: It will direct you to a new window. Confirm that **AmeriFlux FLUXNET** is still selected, then **Confirm and Go to Next Step**. Select **SUBSET** on the next window, then **Confirm and Go to Next Step**. On the next window, confirm that your site is selected by looking at the right panel.

Download Data

1. Select A Data Product	2. Refine Your Selection	3. Select Sites	4. Agree to Policy	5. Download Data
AmeriFlux FLUXNET (CC-BY-4.0)		1 has data (1 selected)		

Want to start by selecting sites? Go to [Site Search](#).

Select the data product that you want to download

Visit [AmeriFlux Data Processing Pipelines](#) for more information about AmeriFlux data products.

<input checked="" type="radio"/> AmeriFlux FLUXNET ⓘ	Features <ul style="list-style-type: none">Continuous flux/metGap-filledPartitionedUncertainty analysis5 temporal resolutionsBADM optional	Generated by <ul style="list-style-type: none">AMP using ONEFlux processing codesFP standard formatSubset of standard FP variables	Sites <ul style="list-style-type: none">240 sitesAmeriFlux sites onlySee fluxnet.org for global datasets	AmeriFlux Data Use Policy ⓘ <ul style="list-style-type: none">CC-BY-4.0: 240 sites
<input type="radio"/> AmeriFlux BASE ⓘ	Features <ul style="list-style-type: none">Flux/met dataHalf-hourly / hourlyBADM included	Generated by <ul style="list-style-type: none">Site team in FP standard formatQA/QC'ed by AMPAll FP variablesAll levels of aggregation	Sites <ul style="list-style-type: none">541 sitesAmeriFlux sites only	AmeriFlux Data Use Policy ⓘ <ul style="list-style-type: none">CC-BY-4.0: 470 sitesLegacy: 541 sites (includes all sites with data available under CC-BY-4.0)
<input type="radio"/> BADM Only ⓘ	Features <ul style="list-style-type: none">Biological dataAncillary dataDisturbance dataMetadata	Generated by <ul style="list-style-type: none">Site team in BADM standard formatQA/QC'ed by AMP	Sites <ul style="list-style-type: none">751 sitesAmeriFlux sites only	AmeriFlux Data Use Policy ⓘ <ul style="list-style-type: none">CC-BY-4.0: 594 sitesLegacy: 751 sites (includes all sites with data available under CC-BY-4.0)

Confirm and Go to Next Step ▶

Download Data

1. Select A Data Product	2. Refine Your Selection	3. Select Sites	4. Agree to Policy	5. Download Data
✓ AmeriFlux FLUXNET (CC-BY-4.0)	SUBSET			

Select the variables set.

- ☒ SUBSET 120 Variables. Details at [FLUXNET SUBSET](#)
- ☐ FULLSET 242 Variables. Details at [FLUXNET FULLSET](#)

Optional: Include BADM in download.

☐ Include BADM for all AmeriFlux sites that have the AmeriFlux FLUXNET data product (AA-Fix_BIF). ⓘ

◀ Previous Confirm and Go to Next Step ▶

Download Data

1. Select A Data Product ✓ AmeriFlux FLUXNET (CC-BY-4.0)	2. Refine Your Selection ✓ SUBSET	3. Select Sites 1 selected	4. Agree to Policy	5. Download Data
---	--------------------------------------	-------------------------------	--------------------	------------------

Select sites using one or more of these options:

Pick List	Site Sets	Text Input	Site Search
<p>Pick from list ⓘ</p> <p>Filter by Site ID or Name</p> <ul style="list-style-type: none">AR-CCg: Carlos Casares grasslandAR-TF1: Rio Moat bogBR-CST: Caatinga Serra TalhadaBR-Npw: Northern Pantanal WetlandCA-ARB: Attawapiskat River BogCA-ARF: Attawapiskat River FenCA-BOU: Bouleau PeatlandCA-Ca1: British Columbia - 1949 Douglas-fir standCA-Ca2: British Columbia - Clearcut Douglas-fir stand (harvested winter 19)CA-Cbo: Ontario - Mixed Deciduous, Borden Forest SiteCA-CF1: Churchill Fen Site 1 <p>Select All Deselect All</p> <p>◀ Previous Confirm and Go to Next Step ▶</p>			<p>Your Selections: 1 sites</p> <ul style="list-style-type: none">US-Ha1: Harvard Forest EMS Tower (HFR1) <p>Clear List</p>

STEP 4: On the next window, provide information on your intended use of the data. Scroll down and check the license agreement box.

Download Data

1. Select A Data Product ✓ AmeriFlux FLUXNET (CC-BY-4.0)	2. Refine Your Selection ✓ SUBSET	3. Select Sites ✓ 1 selected	4. Agree to Policy	5. Download Data
---	--------------------------------------	---------------------------------	--------------------	------------------

Intended Use

Description of Intended Use

gap-filling and flux partitioning training

Agree to AmeriFlux CC-BY-4.0 License

that use a site's data.

The required citation with DOI and an email list of AmeriFlux PIs for the downloaded sites is provided to the data user with the data download. This information is also accessible via each site's Site Info page (See Site Search).

☒ I acknowledge that I have read and agree to the AmeriFlux CC-BY-4.0 License

◀ Previous **Confirm and Go to Next Step ▶**

STEP 5: Download the data folder. It is a compressed (zip) file. Unzip it and save it in your local folder.

Download Data

1. Select A Data Product ✓ AmeriFlux FLUXNET (CC-BY-4.0)	2. Refine Your Selection ✓ SUBSET	3. Select Sites ✓ 1 selected	4. Agree to Policy ✓ Agreed	5. Download Data ✓ Files ready
---	--------------------------------------	---------------------------------	--------------------------------	-----------------------------------

The download links below will require re-generation if you navigate away from the Download Data page or Step 5.

Download Info

[README](#) [Requested_Files](#) [Citations_for_Site_Data](#) [Team_Contacts_for_Site_Data](#) [AmeriFlux_CC-BY-4.0_Data_License](#)

Multi-site Metadata (BADM)

None selected

Site Data

Click on a link below to download that site's file. Consider using a 3rd party browser tool like [DownThemAll!](#) (FireFox, Chrome) to download all the files at once. [?](#)

[US-Ha1_FLUXNET](#)

◀ Previous

Inside the folder, you'll find several .csv files based on standard temporal aggregations. Site teams either generate half-hourly (HH) or hourly (HR) data sets. Half-hourly and hourly data are treated as equivalent — i.e., **any reference to half-hourly data also applies to hourly data, unless otherwise stated**. Half-hourly data are the basis of all the processing done for this dataset and are the finest grained temporal resolution provided. Coarser aggregations are generated uniformly from half-hourly data within the [data processing pipeline](#). The other standard temporal aggregations are: **daily (DD)**, **weekly (WW)**, **monthly (MM)**, and **yearly (YY)**.

Name	↑
AMF_US-Ha1_FLUXNET_AUXMETEO_1991-2020_3-5.csv	👤
AMF_US-Ha1_FLUXNET_AUXNEE_1991-2020_3-5.csv	👤
AMF_US-Ha1_FLUXNET_SUBSET_DD_1991-2020_3-5.csv	👤
AMF_US-Ha1_FLUXNET_SUBSET_HR_1991-2020_3-5.csv	👤
AMF_US-Ha1_FLUXNET_SUBSET_MM_1991-2020_3-5.csv	👤
AMF_US-Ha1_FLUXNET_SUBSET_WW_1991-2020_3-5.csv	👤
AMF_US-Ha1_FLUXNET_SUBSET_YY_1991-2020_3-5.csv	👤

To learn more about how data variables are labeled and the file formatting used by AmeriFlux and European Fluxes database, for a quick guide of the data variables, read it [here](#); for more detailed information, read it [here](#).

For specific information about the FLUXNET files in the folder you downloaded, and the difference between a SUBSET and FULLSET file, read [here](#).

From FLUXNET webpage

For those working with BR-Sa1, you may not be able to download the data using the steps above. Instead, please visit the FLUXNET website: <https://fluxnet.org/data/download-data/>. Then click on the tab 'FLUXNET 2015 CC-BY-4.0 Data'.

[Home](#) [About](#) [Community](#) [Sites](#) [Education](#) [Data](#) [Signed In](#)

[Home](#) / [About Data](#) / [Download Data](#)

Download Data

[Click HERE to get newer data via regional networks](#) (FLUXNET2015 is outdated)

The FLUXNET2015 dataset and FLUXNET-CH4 Community Product are available for download here.

Select the dataset and tier of data you would like to download

Tier 2 data contains the combination of CC-BY-4.0 and Tier 2 data. See the [FLUXNET 2015 Data Policy](#) for an explanation of data tiers.

FLUXNET2015

A list of current known issues in the data can be found [here](#).

FLUXNET2015
CC-BY-4.0 Data

FLUXNET2015
Tier 2 Data

FLUXNET-CH4 Community Product

The FLUXNET-CH4 Community Product follows the [FLUXNET 2015 Data Policy](#).

FLUXNET-CH4
CC-BY-4.0 Data


FLUXNET-CH4
Tier 2 Data

ENHANCED BY Google

USEFUL LINKS

- [Blog – What's New](#)
- [The FLUXNET Data System Initiative](#)
- [FLUXNET2015 Dataset](#)
- [La Thuile Dataset](#)
- [FLUXNET-CH4 Community Product](#)
- [Submitting data to FLUXNET-CH4 V2](#)
- [Data Change Log](#)
- [Opportunities](#)
- [Contact Us](#)

FLUXNET 2015



Legend for FLUXNET 2015 map:

- 20-25 ppm
- 25-30 ppm
- 30-35 ppm
- 35-40 ppm
- 40-45 ppm
- 45-50 ppm
- 50-55 ppm
- 55-60 ppm
- 60-65 ppm
- 65-70 ppm
- 70-75 ppm
- 75-80 ppm
- 80-85 ppm
- 85-90 ppm
- 90-95 ppm
- 95-100 ppm
- 100-105 ppm
- 105-110 ppm
- 110-115 ppm
- 115-120 ppm
- 120-125 ppm
- 125-130 ppm
- 130-135 ppm
- 135-140 ppm
- 140-145 ppm
- 145-150 ppm
- 150-155 ppm
- 155-160 ppm
- 160-165 ppm
- 165-170 ppm
- 170-175 ppm
- 175-180 ppm
- 180-185 ppm
- 185-190 ppm
- 190-195 ppm
- 195-200 ppm
- 200-205 ppm
- 205-210 ppm
- 210-215 ppm
- 215-220 ppm
- 220-225 ppm
- 225-230 ppm
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- 330-335 ppm
- 335-340 ppm
- 340-345 ppm
- 345-350 ppm
- 350-355 ppm
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- 360-365 ppm
- 365-370 ppm
- 370-375 ppm
- 375-380 ppm
- 380-385 ppm
- 385-390 ppm
- 390-395 ppm
- 395-400 ppm
- 400-405 ppm
- 405-410 ppm
- 410-415 ppm
- 415-420 ppm
- 420-425 ppm
- 425-430 ppm
- 430-435 ppm
- 435-440 ppm
- 440-445 ppm
- 445-450 ppm
- 450-455 ppm
- 455-460 ppm
- 460-465 ppm
- 465-470 ppm
- 470-475 ppm
- 475-480 ppm
- 480-485 ppm
- 485-490 ppm
- 490-495 ppm
- 495-500 ppm
- 500-505 ppm
- 505-510 ppm
- 510-515 ppm
- 515-520 ppm
- 520-525 ppm
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- 530-535 ppm
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- 560-565 ppm
- 565-570 ppm
- 570-575 ppm
- 575-580 ppm
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- 595-600 ppm
- 600-605 ppm
- 605-610 ppm
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- 615-620 ppm
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- 625-630 ppm
- 630-635 ppm
- 635-640 ppm
- 640-645 ppm
- 645-650 ppm
- 650-655 ppm
- 655-660 ppm
- 660-665 ppm
- 665-670 ppm
- 670-675 ppm
- 675-680 ppm
- 680-685 ppm
- 685-690 ppm
- 690-695 ppm
- 695-700 ppm
- 700-705 ppm
- 705-710 ppm
- 710-715 ppm
- 715-720 ppm
- 720-725 ppm
- 725-730 ppm
- 730-735 ppm
- 735-740 ppm
- 740-745 ppm
- 745-750 ppm
- 750-755 ppm
- 755-760 ppm
- 760-765 ppm
- 765-770 ppm
- 770-775 ppm
- 775-780 ppm
- 780-785 ppm
- 785-790 ppm
- 790-795 ppm
- 795-800 ppm
- 800-805 ppm
- 805-810 ppm
- 810-815 ppm
- 815-820 ppm
- 820-825 ppm
- 825-830 ppm
- 830-835 ppm
- 835-840 ppm
- 840-845 ppm
- 845-850 ppm
- 850-855 ppm
- 855-860 ppm
- 860-865 ppm
- 865-870 ppm
- 870-875 ppm
- 875-880 ppm
- 880-885 ppm
- 885-890 ppm
- 890-895 ppm
- 895-900 ppm
- 900-905 ppm
- 905-910 ppm
- 910-915 ppm
- 915-920 ppm
- 920-925 ppm
- 925-930 ppm
- 930-935 ppm
- 935-940 ppm
- 940-945 ppm
- 945-950 ppm
- 950-955 ppm
- 955-960 ppm
- 960-965 ppm
- 965-970 ppm
- 970-975 ppm
- 975-980 ppm
- 980-985 ppm
- 985-990 ppm
- 990-995 ppm
- 995-1000 ppm

Similarly, select SUBSET data product and search for “BR-Sa1”.

FLUXNET2015: CC-BY-4.0

Two data products are available:

1. SUBSET Data Product
2. FULLSET Data Product

See [here](#) for detailed information about the dataset and data products.

A request for data will give you the following:

- Download Manifest
- One zip file per site containing the selected FLUXNET2015 data product
- One zip file containing 5 BADM files, one for each data product resolution, with Site General Info, Canopy Height, and Variable Info for all sites (if selected)

Select the data product you want to download:

- ☒ SUBSET data product
- ☐ FULLSET data product (includes SUBSET)

BR-Sa1

All Sites

AU-Ync: Jaxa
BE-Bra: Brasschaat
BE-Lon: Lonze
BE-Vie: Vielsalm
BR-Sa3: Santarem-Km83-Logged Forest
CA-Gro: Ontario - Groundhog River, Boreal Mixedwood Forest
CA-Man: Manitoba - Northern Old Black Spruce (former BOR.
CA-NS1: UCI-1850 burn site
CA-NS2: UCI-1930 burn site
CA-NS3: UCI-1964 burn site

[Select all sites](#)

Your Selections *

BR-Sa1: Santar.

[Clear site list](#)

Put some text for your intended use and click on "Download All files".

Additional Data Files

BADM (Biological, Ancillary, Disturbance, and Metadata) contain Site General Info, Canopy Height, and Variable Info

☐ **BADM Zip File For All FLUXNET2015 Dataset Sites (AA-Flx)**

Intended Use *

Description of
Intended Use *
(required)

FLUXNET data tutorial

☒ I acknowledge that I have read and agree to the [FLUXNET 2015 Data Policy](#).

Download All Files

In the next page, click on the tag “BR-Sa1”

Data and Manifest

[< Back to Download Page](#)

Download Manifest

```
#downloadDate:20250629145535
#numberOfSitesDownloaded:1
#emailforSitePIs:saleska@email.arizona.edu
#dataFiles
SITE_ID,filename,start_year,end_year,version,filetype,timestamp
```

Note: The download manifest contains the emails of the data contributors and site information

 Copy to Clipboard

Data Download URLs

Click on each URL to download the files. Consider using a plugin like [DownThemAll](#) (FireFox, Chrome) to download all the files at once.

[README](#)

[BR-Sa1](#)