

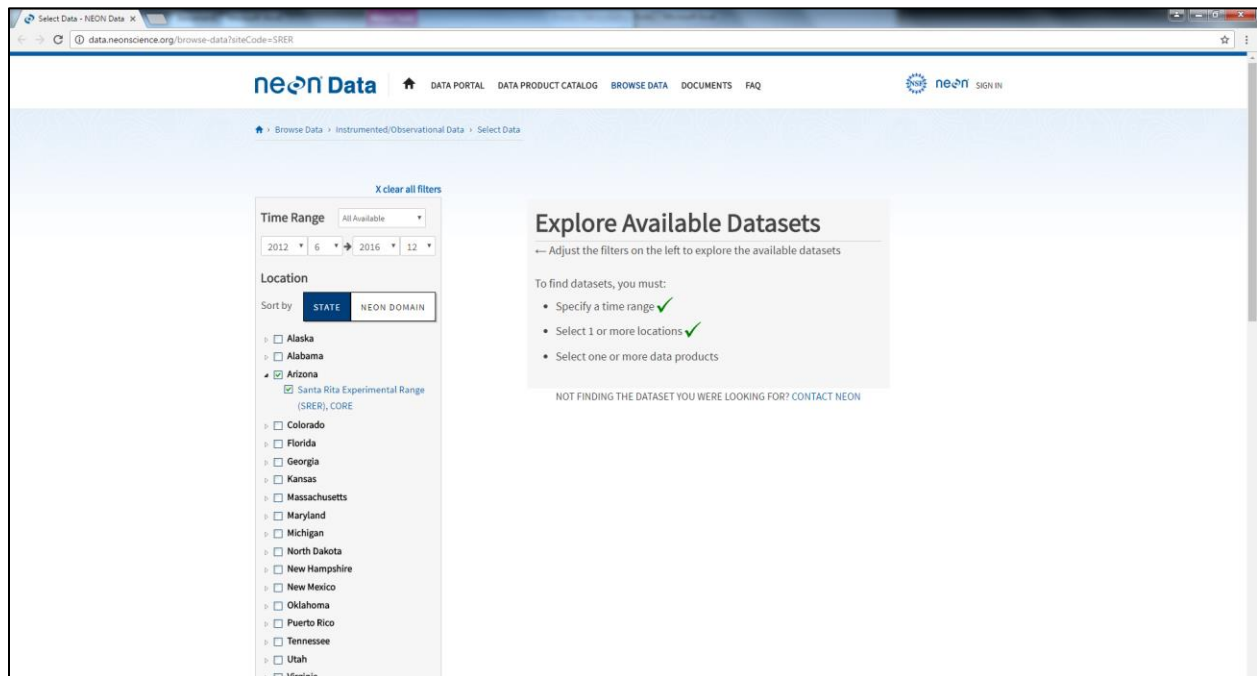
How to Find NEON Data Sets for Sites Located at the Santa Rita Experimental Range (SRER), Arizona

Step 1: Follow Link to NEON website

Click on the following link or copy and paste into your internet browser to connect to the NEON website.

<http://data.neonscience.org/browse-data?siteCode=SRER>

The link will take you to a webpage that looks like this:

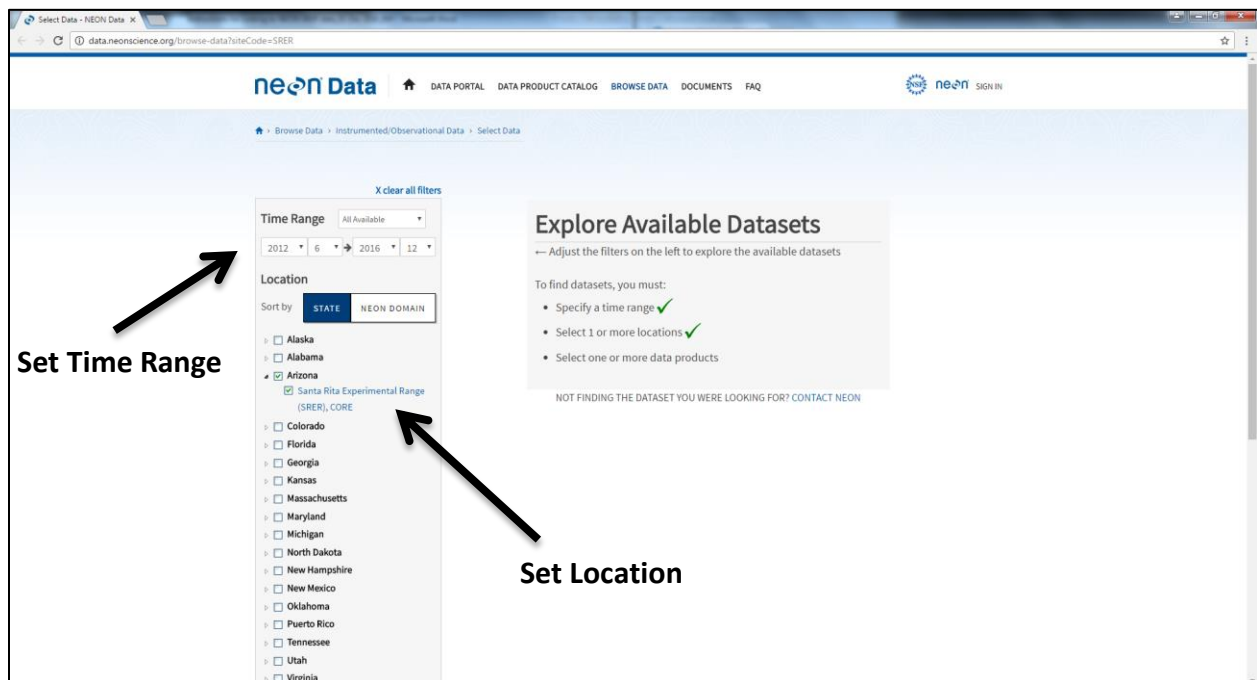


The screenshot shows the NEON Data website interface. The browser address bar displays the URL: data.neonscience.org/browse-data?siteCode=SRER. The page header includes the NEON logo and navigation links: DATA PORTAL, DATA PRODUCT CATALOG, BROWSE DATA, DOCUMENTS, and FAQ. The main content area features a 'Browse Data' breadcrumb trail and a 'Select Data' section. On the left, there are filters for 'Time Range' (set to 'All Available') and 'Location' (set to 'STATE'). Under 'Location', 'Arizona' is selected, and 'Santa Rita Experimental Range (SRER), CORE' is checked. A 'Sort by' dropdown is set to 'STATE'. On the right, an 'Explore Available Datasets' box provides instructions: 'Adjust the filters on the left to explore the available datasets'. Below this, a list of requirements is shown: 'Specify a time range' (checked), 'Select 1 or more locations' (checked), and 'Select one or more data products'. A note at the bottom of the box reads: 'NOT FINDING THE DATASET YOU WERE LOOKING FOR? CONTACT NEON'.

Step 2: Set Time Range and Location

Time Range: You can select a time range for the data you need by manually selecting the year and month for the start and end date, or you can select a range from the list of options in the drop-down menu.

Location: You can sort the locations by state or by NEON Domain. If sorted by state, first select “Arizona”, then “Santa Rita Experimental Range (SRER)”. If sorted by NEON Domain, first select “D14: Desert Southwest” then “Santa Rita Experimental Range (SRER)”.



The screenshot shows the NEON Data website interface. On the left side, there is a filter panel with the following elements:

- Time Range:** A dropdown menu set to "All Available" and a date range selector showing "2012" and "2016" with month dropdowns.
- Location:** A section with "Sort by" options for "STATE" (selected) and "NEON DOMAIN". Below this is a list of states with checkboxes:
 - Alaska
 - Alabama
 - Arizona
 - Santa Rita Experimental Range (SRER), CORE
 - Colorado
 - Florida
 - Georgia
 - Kansas
 - Massachusetts
 - Maryland
 - Michigan
 - North Dakota
 - New Hampshire
 - New Mexico
 - Oklahoma
 - Puerto Rico
 - Tennessee
 - Utah
 - Virginia

Two black arrows are overlaid on the image: one points to the "Time Range" filter with the text "Set Time Range", and another points to the "Santa Rita Experimental Range (SRER), CORE" option under the "Location" filter with the text "Set Location".

On the right side of the page, there is a section titled "Explore Available Datasets" with the following text:

Adjust the filters on the left to explore the available datasets

To find datasets, you must:

- Specify a time range ✓
- Select 1 or more locations ✓
- Select one or more data products

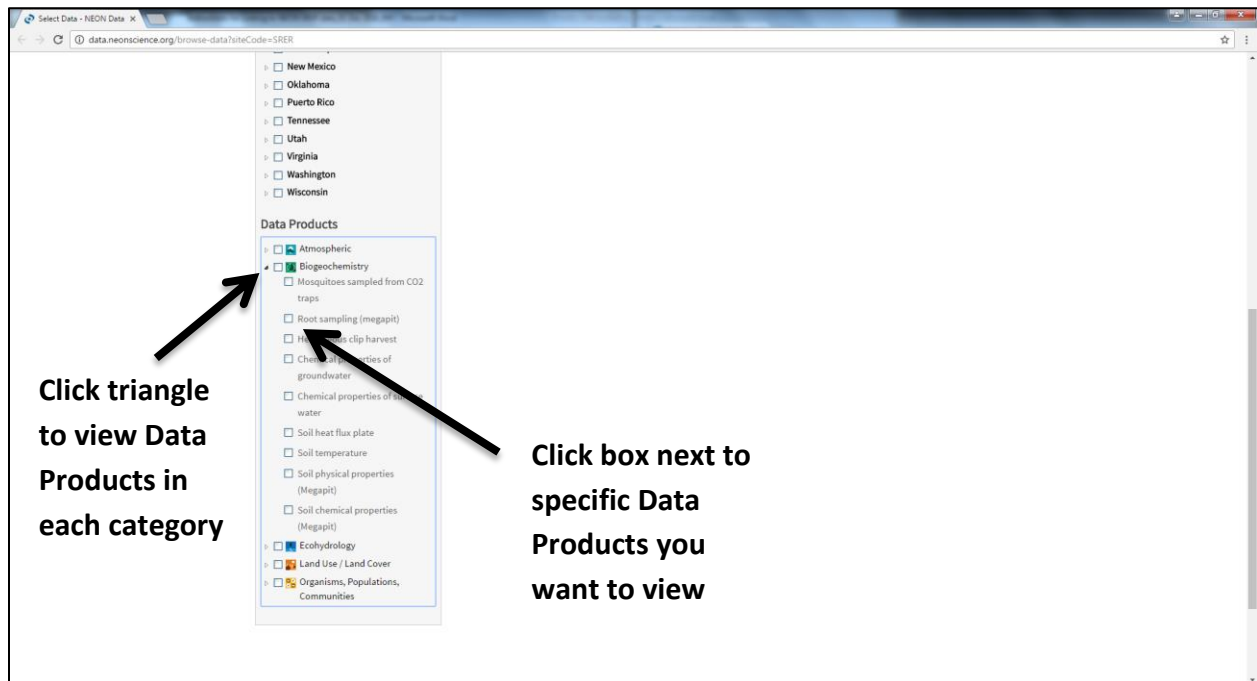
NOT FINDING THE DATASET YOU WERE LOOKING FOR? CONTACT NEON

Step 3: Select and Download the Data

Scroll down to see the Data Products options below the Location options. Data Product types are organized into five different categories:

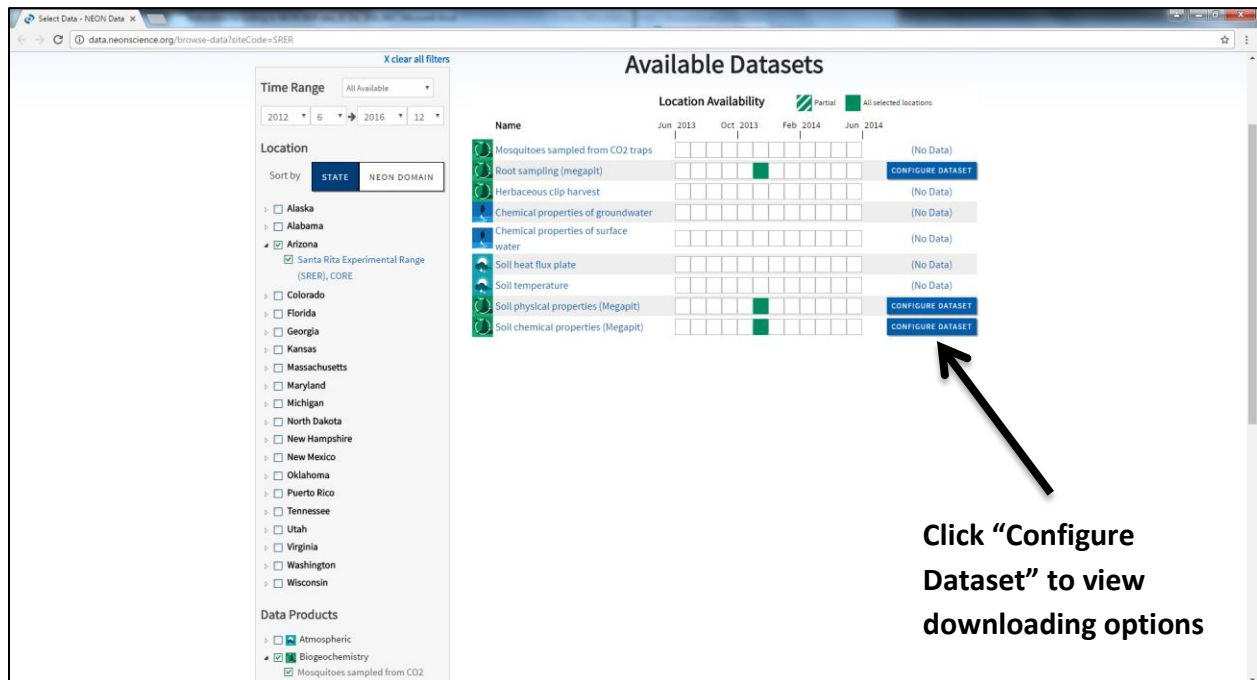
- Atmospheric
- Biogeochemistry
- Ecohydrology
- Land Use / Land Cover
- Organisms, Populations, Communities

Click on the triangle next to one of the categories to view the names of all the different specific data products within that category. Click on the box next to each specific data product to display data availability for that item on the screen.



Step 3 Continued...

A time scale with green boxes indicates when full or partial data was collected for the selected Location. If there is no data set available for that specific product, you will see “(No Data)”. If a data set is available to download for that specific product, you will see a blue box that says “Configure Dataset”. Click “Configure Dataset” to view downloading options.

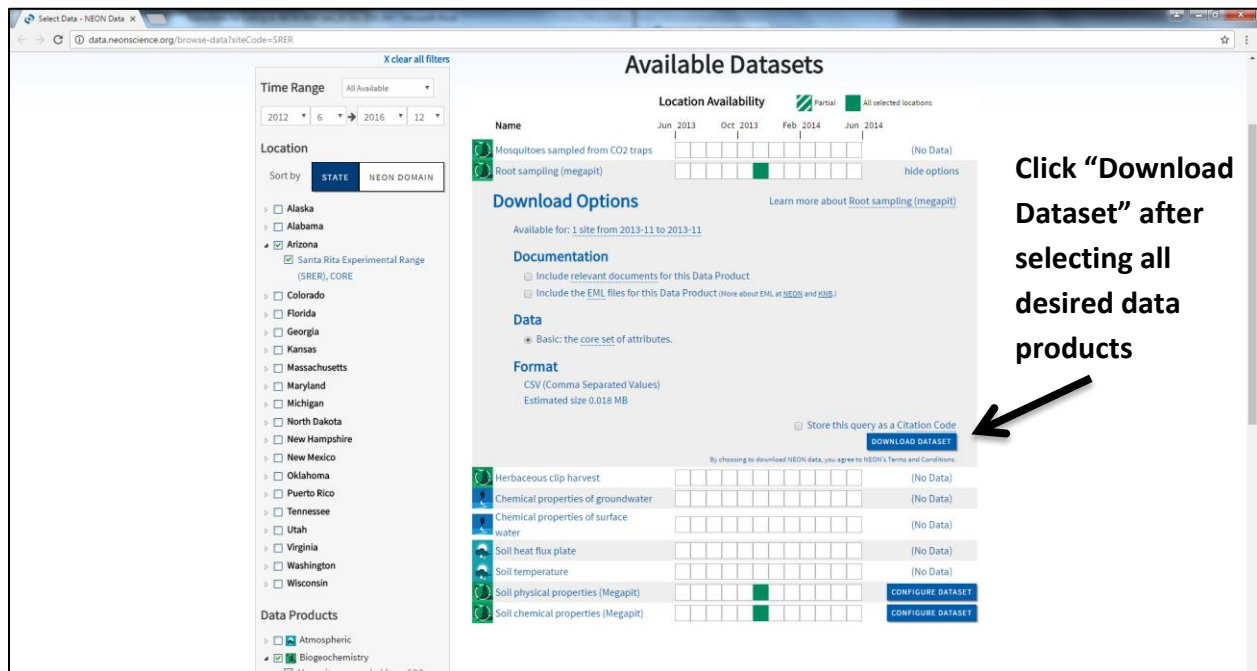


The screenshot shows the 'Available Datasets' page on the NEON data browser. On the left, there are filters for 'Time Range' (set to 2012-2016), 'Location' (set to Arizona, Santa Rita Experimental Range), and 'Data Products' (set to Biogeochemistry). The main area displays a table of datasets with a calendar grid for data availability from June 2013 to June 2014. Green boxes in the calendar indicate data collection. A blue 'CONFIGURE DATASET' button is visible for the 'Soil chemical properties (Megapit)' dataset, with a black arrow pointing to it from the text below.

Click “Configure Dataset” to view downloading options

Step 3 continued...

Select all of the products you wish to download, including the data set and any relevant documents. Then select “Download Dataset”.

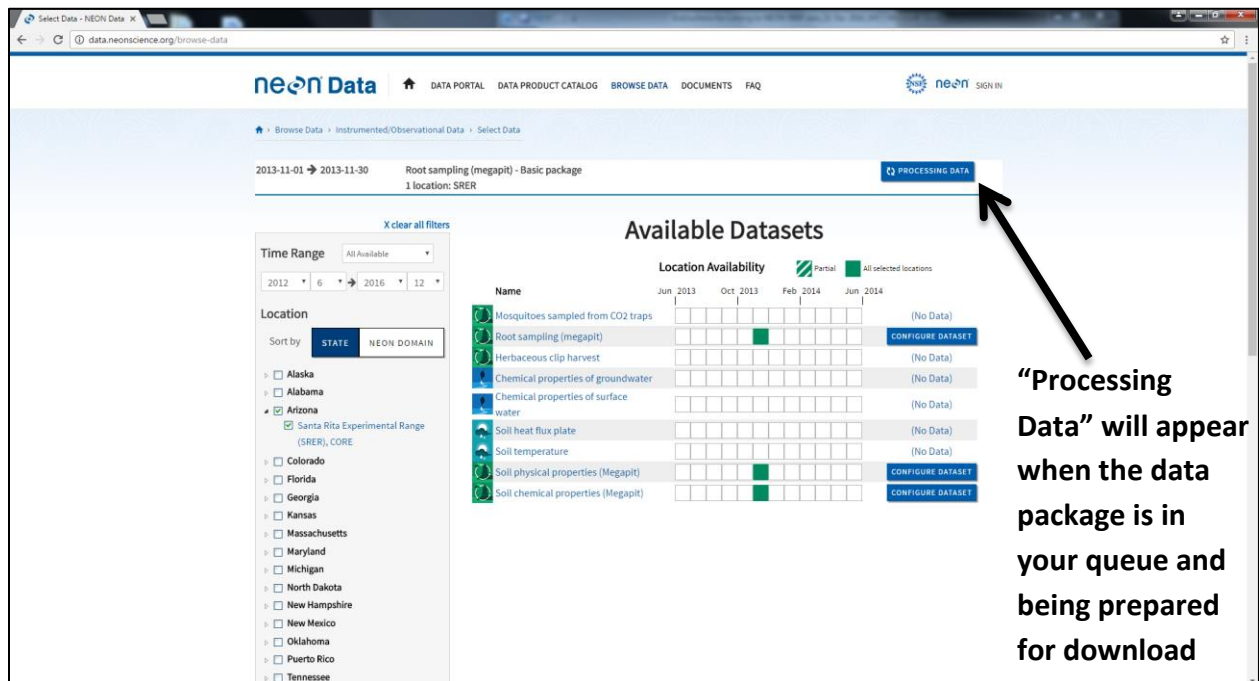


The screenshot shows the NEON data selection interface. On the left, there are filters for Time Range (set to 2012-2016), Location (set to Arizona), and Data Products (set to Biogeochemistry). The main area displays 'Available Datasets' with a table of products and their availability. The 'Download Options' section is expanded for the 'Root sampling (megapit)' dataset, showing options for documentation, data, and format. A blue 'DOWNLOAD DATASET' button is visible, with an arrow pointing to it from the text 'Click “Download Dataset” after selecting all desired data products'.

Name	Jun 2013	Oct 2013	Feb 2014	Jun 2014	Availability
Mosquitoes sampled from CO2 traps					(No Data)
Root sampling (megapit)					(No Data)
Herbaceous clip harvest					(No Data)
Chemical properties of groundwater					(No Data)
Chemical properties of surface water					(No Data)
Soil heat flux plate					(No Data)
Soil temperature					(No Data)
Soil physical properties (Megapit)					(No Data)
Soil chemical properties (Megapit)					(No Data)

Step 3 Continued...

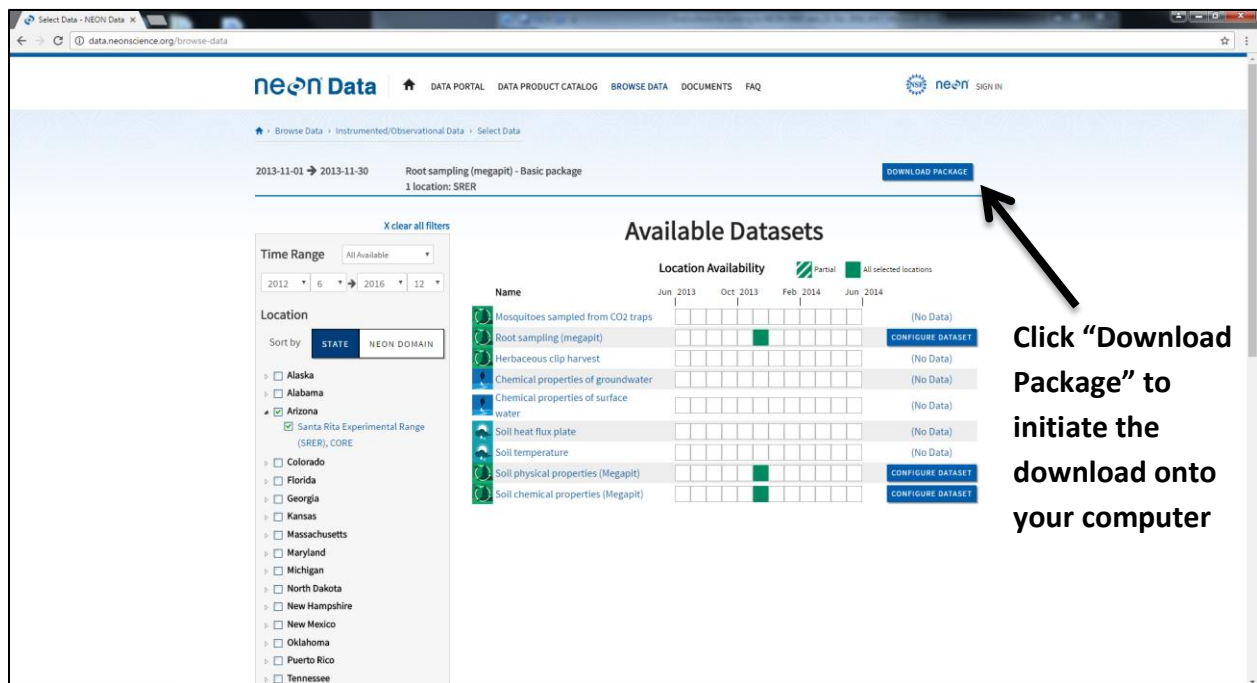
After selecting “Download Dataset”, you will see the files being prepared for download at the top of the screen.



The screenshot shows the NEON Data portal interface. At the top, there is a navigation bar with 'neon Data' and links for 'DATA PORTAL', 'DATA PRODUCT CATALOG', 'BROWSE DATA', 'DOCUMENTS', and 'FAQ'. Below this, the current selection is '2013-11-01 to 2013-11-30 Root sampling (megapit) - Basic package' with '1 location: SRER'. A 'PROCESSING DATA' button is visible in the top right corner of the main content area, indicated by a black arrow. The main content area is titled 'Available Datasets' and features a table with columns for 'Name' and 'Location Availability' (Jun 2013, Oct 2013, Feb 2014, Jun 2014). The table lists various datasets such as 'Mosquitoes sampled from CO2 traps', 'Root sampling (megapit)', and 'Herbaceous clip harvest'. A legend indicates that green squares represent 'Partial' availability and all selected locations. A text box on the right side of the screenshot states: "Processing Data" will appear when the data package is in your queue and being prepared for download.

Step 3 Continued...

When the preparation of the data package is finished, select “Download Package” to initiate the download onto your computer. The download may be formatted in a “zip” folder, for which you may need to “extract” the files in order to access.



The screenshot shows the NEON Data portal interface. At the top, there are navigation links like 'DATA PORTAL', 'DATA PRODUCT CATALOG', 'BROWSE DATA', 'DOCUMENTS', and 'FAQ'. The main content area is titled 'Available Datasets' and shows a list of datasets with their location availability for specific months. A blue button labeled 'DOWNLOAD PACKAGE' is visible in the top right corner of the dataset list, with a black arrow pointing to it from the right. The text 'Click “Download Package” to initiate the download onto your computer' is written next to the arrow.

Name	Location Availability				
	Jun 2013	Oct 2013	Feb 2014	Jun 2014	
Mosquitoes sampled from CO2 traps					(No Data)
Root sampling (megapit)					CONFIGURE DATASET
Herbaceous clip harvest					(No Data)
Chemical properties of groundwater					(No Data)
Chemical properties of surface water					(No Data)
Soil heat flux plate					(No Data)
Soil temperature					(No Data)
Soil physical properties (Megapit)					CONFIGURE DATASET
Soil chemical properties (Megapit)					CONFIGURE DATASET