

eFOTG

Virginia Soil Information

Soil information available from this eFOTG site is the current OFFICIAL soil information for Virginia. Soil information obtained from other sources may not be current and should be checked against the official information from this eFOTG site. Much of the soil information available from the eFOTG is provided through a link to the Web Soil Survey

: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

Web Soil Survey has available:

Soil Reports and Interpretive Maps can be viewed on-screen and printed.

Soil Data Download to an Access template, and spatial data for GIS use.

How to get reports out of Web Soil Survey without maps

USDA United States Department of Agriculture
Natural Resources Conservation Service

Web Soil Survey

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Area of Interest (AOI) | Soil Map | Soil Data Explorer | Download Soils Data | Shopping Cart (Free)

Search
Area of Interest
Import AOI

Quick Navigation
Address
State and County
Soil Survey Area
Latitude and Longitude
PLSS (Section, Township, Range)
Bureau of Land Management
Department of Defense
Forest Service
National Park Service
Hydrologic Unit

Area of Interest Interactive Map
View Extent: Contiguous U.S.
Scale: 1:100,000



First page of Web Soil Survey (WSS)

Click on Soil Survey Area

Area of Interest (AOI) Soil Map Soil Data Explorer Download Soils Data Shopping Cart (Free)

Search

Area of Interest

Import AOI

Quick Navigation

Address

State and County

Soil Survey Area

Set AOI Select Map Units View

State: **Virginia**

County (optional):

Soil Survey Area

Name	Area Symbol	Data Availability	Version
● Acomack County, Virginia	VA001	Tabular and Spatial, complete	Survey Area: Version 10, Aug 9, 2010 Tabular: Version 8, Dec 15, 2008 Spatial: Version 3, Aug 9, 2010
● Abemarle County, Virginia	VA003	Tabular and Spatial, complete	Survey Area: Version 9, Jan 20, 2010 Tabular: Version 8, Dec 15, 2008 Spatial: Version 2, Jan 20, 2010
● Alexandria City,	VAS10	Tabular and Spatial,	Survey Area: Version 5,

Show Soil Survey Areas Layer in Map

Set AOI Select Map Units View

Area of Interest Interactive Map

View Extent: Contiguous U.S.

Scale: 1:100,000

Goto Virginia, and then choose County.

Two Options

For the entire county's Data choose **Set AOI** (now goto slide 5)

For a few map units choose **Select Map Units**

The screenshot shows the 'Soil Data Explorer' web application. The 'Soil Data Explorer' tab is highlighted with a red circle. The interface includes a search bar, a legend, and a map of Accomack County, Virginia, showing various soil map units overlaid on a satellite image. The map units are color-coded and labeled with codes like AhA, AmA, AtD, etc. The 'Select Map Units' section is visible, showing a list of soil units with checkboxes.

Area of Interest (AOI) | **Soil Map** | **Soil Data Explorer** | **Download Soils Data** | **Shopping Cart (Free)**

Search

Area of Interest

Open All | Close All

AOI Properties

Clear AOI

AOI Information

Soil Data Available from Web Soil Survey

Select Map Units

Accomack County, Virginia (VA001)

Type the first few characters of a map unit symbol to find it

Select All | Clear Selection

- AhA—Arapahoe mucky loam, 0 to 2 percent slopes, rarely flooded
- AmA—Arapahoe-Melfa complex, 0 to 2 percent slopes, frequently flooded
- AtD—Assateague fine sand, 2 to 35 percent slopes, rarely flooded
- BeB—Beaches, 1 to 5 percent slopes
- BhB—Bojac loamy sand, 2 to 6 percent slopes
- BkA—Bojac sandy loam, 0 to 2 percent slopes
- BoA—Bojac fine sandy loam, 0 to 2 percent slopes
- CaA—Camocca fine sand, 0 to 2 percent slopes, frequently flooded
- ChA—Chincoteague silt loam, 0 to 1 percent slopes, frequently flooded
- DrA—Draxton fine sandy loam, 0 to 2 percent

Clear AOI

Import AOI

Area of Interest Interactive Map

Legend

View Extent: Contiguous U.S.

Scale: (not to scale)

Map labels: Ewell, Somerset, Worcester, Chincoteague, Saxis, Blossom, Accomack, Northampton, Reedville, Tangier, Gaymn.

Scale bar: 0 to 10 mi

If Select Map Units was your option.

This is what you will see. Scroll and place checks in the boxes of the individual Map Units you wish to run soil reports on.

Then click on **Soil Data Explorer** tab

The screenshot shows the Soil Data Explorer web application. The top navigation bar includes tabs for 'Area of Interest (AOI)', 'Soil Map', 'Soil Data Explorer' (highlighted in red), 'Download Soils Data', and 'Shopping Cart (Free)'. Below this is a secondary navigation bar with 'View Soil Information By Use: All Uses', 'Printable Version' (highlighted in red), and 'Add to Shopping Cart'. The main content area is divided into a left sidebar and a right main panel. The sidebar contains a 'Search' section and a 'Soil Reports' section with a list of reports: 'AOI Inventory', 'Building Site Development', 'Construction Materials', 'Disaster Recovery Planning', 'Land Classifications', 'Conservation Tree and Shrub Suitability Groups', 'Hydric rating by map unit(5 categories)', 'Hydric Soil List - All Components', 'Hydric Soils', 'Land Capability Classification', 'Prime and other Important Farmlands', 'Taxonomic Classification of the Soils', 'Land Management', 'Recreational Development', 'Sanitary Facilities', 'Soil Chemical Properties', 'Soil Erosion', 'Soil Physical Properties', and 'Soil Quality and Features'. The right main panel is titled 'Soil Map' and displays a satellite map of a coastal area with a blue outline. It includes a legend, a scale bar (0 to 10 miles), and a 'Scale' dropdown menu. At the bottom of the map panel, there is a report title: 'Report - Map Unit Description (Brief, Generated)'.

Goto the *Soil Data Explorer* tab, now click *Soil reports* Tab

Choose the report, and click on Printable Version for a PDF.

USDA Web Soil Survey

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Area of Interest (AOI) | Soil Map | **Soil Data Explorer** | Download Soils Data | Shopping Cart (Free)

View Soil Information By Use: All Uses

Intro to Soils | Suitabilities and Limitations for Use | Soil Properties and Qualities | Ecological Site Assessment | **Soil Reports**

Search

Soil Reports

Open All | Close All

- AOI Inventory
- Building Site Development
- Construction Materials
- Disaster Recovery Planning
- Land Classifications
- Land Management
- Recreational Development
- Sanitary Facilities
- Soil Chemical Properties
- Soil Erosion
- Soil Physical Properties
- Soil Qualities and Features
- Vegetative Productivity
- Waste Management
- Water Features
- Water Management

Soil Map

Legend | Scale | 10 mi

If you use this County's soil information often and want to skip the previous steps next time.

First Click on **LINK** tab at the top.

Highlight the link, and copy it to you favorites.