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Using Web Soil Survey to Print Reports of Soil Properties for All Map Units within a County



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Define Parameters in "Area of Interest (AOI)" Tab With the "Area of Interest (AOI)" tab selected, use the following steps to define your area of interest as the whole soil survey area of the county:

- 1. Click on "Quick Navigation", then "Soil Survey Area".
- 2. Under "Soil Survey Area", select the State and County (if the drop down box doesn't respond to your mouse click, click on the "Set AOI" button, then try again).
- 3. Click the circle next to the county name in the table below Soil Survey Area, then click on the "Set AOI" button. An area of interest that includes the entire county will be created.



Define Parameters in "Soil Data Explorer" Tab To run reports on different soil properties for all county map units:

- 1. Click on the "Soil Data Explorer" tab.
- 2. Then, click on the "Soil Reports" tab.



3. Close the soil map view window before generating and printing reports so that the map will not print as part of the report.

Area of Interest (AOI)	Soil Map Soil D	Data Explorer Download Soils Data Shopping Cart (Free)	
View Soil Information By Use	: All Uses 👻	Printable Version	Add to Shopping Cart
Intro to Soils	Suitabilities and Limitations fo	r Use Soil Properties and Qualities Ecological Site Assessment Soil Rep	oorts
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AOI Inventory	() () ()		
Building Site Development	23		The second second
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Land Classifications	2 3		国家在市场公共 产生
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Soil Erosion	(2) (3)		COLUMN STR
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Soil Qualities and Features	0	All Control States and All	St. South Carl
Vegetative Productivity	00		Carl Cont - T

Handling Reports There are a variety of reports available, for various soil properties. For example, to print non-irrigated crop yields for multiple crops, along with the capability class of each map unit:

- 1. Select "Vegetative Productivity", then "Nonirrigated Yields by Map Unit Component".
- 2. Check up to 5 crops, then click the "View Soil Report" button.

Intro to Soils	Suitabilities and Limitations for Us	e 📗	Soil Properties and Qualities	Ecological Site Assessment
Search	Soil	Мар		
Soil Reports	8			
	Open All Close All			
AOI Inventory	2 🛛			
Building Site Development	2 3			
Construction Materials	2 🛛			
Disaster Recovery Planning	. 23			
Land Classifications	2 3			
Land Management	2 3			
Recreational Development	2 3			
Sanitary Facilities	2 3			
Soil Chemical Properties	? (3)			
Soil Erosion	? (3)			
Soil Physical Properties	2 🛛			
Soil Qualities and Features	; ? 📎			
Vegetative Productivity	2 🛞			
Forestland Productivity				
Irrigated and Nonirrigate Component	d Yields by Map Unit			
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Nonirrigated Yields by	Map Unit Component			
View De	escription View Soil Report			
Options	128			
Select 1-5 crops	arley (Bu) pommon bermudagrass (AUM) pommon bermudagrass (AUM) pom (Bu) pom (Bu) pom (Bu) toton lint (Lbs) ass hay (Tons) rass-clover (AUM) pass-lequeme hay (Bu) pom (Tons)			
	pproved bermudagrass			

Printing Reports

1. The following report will be generated. To print, click on the **"Printable Version"** button, then from the "Printable Version Options" window that pops up, click the **"View"** button.

USDA Unied States Department of Agriculture 7 8 9 9 Natural Resources Conservation Service	I Survey Status Clossany Pref	arancas	Link Lonout Help		Web	Soll Survey
Area of Interest (AOI) Soil Map Soil	Data Explorer Download	l Soils D	ata Shopping Cart	(Free)		1
View Soil Information By Use: All Uses					Printable Version	Add to Shopping C
Intro to Soile Suitabilities and Limitations	for Use	P	rintable Version Options			2
	Soli Propertie:		eport Options			
Search 🛛 🕹	Soil Map		Title	Nonirrigated Yie	lds by Map Unit Com	ponent; Kent
Soil Reports	Report — Nonirrigated Yields	by Ma	Subtitle (optional)	County, Marylar	10	
			Subtitle (optional)	Area of Inte	erest Name: (none de	fined)
	Kent County, Maryland			Custom Su	bute.	
Ruilding Site Development	Map symbol and soil name	cal		None		le
Construction Materials		cu				Cancel View
Disaster Recovery Planning	Ax—Axis mucky silt loam					
Land Classifications	Axis	7	w _		<u> </u>	- 1
Land Management 20 3	Be-Beaches					
Recreational Development 2	Beaches		8 –	<u></u>	-	-
Sanitary Facilities	Bs—Bibb silt loam					
Soil Chemical Properties	Bibb	5	w —	_	_	3.00
Soil Erosion	Bt—Bibb variant silt loam					
RUSLE2 Related Attributes	Bibb variant	7	w –	-		-
Soil Physical Properties	BuA—Butlertown-Mattapex silt loams, 0 to 2 percent slopes					
Soil Qualities and Features	Butlertown	2	w –	130	26.00	_
Vegetative Productivity 28	Mattapex	2	w _	135	27.00	-

 Your browser may prevent the printable version of the report from opening. Follow the steps for your browser to allow popups for websoilsurvey.nrcs.usda.gov. For example, If you are using Mozilla Firefox as your browser and receive the following message, click the "OK" button, and click the "Options" button on the line indicating that the popup window was prevented from opening.



3. From the menu that appears, click on "Edit Pop-up Blocker Options".



4. From the "Allowed Sites - Pop-ups" window, click the "Allow" button, then the "Close" button, then repeat *Printing Reports, Step 1* (located on page 5).



5. The following report will be generated in .pdf format. Click on the **print** icon:

<u>File Edit View History Bookmarks I</u>	ools <u>H</u> elp										
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□ ↑ ₽ Page: 3 0	of 9		- + Auto	omatic Zoom 🗘					55	0	Dì
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	No	nirrigated Yields	s by Map Unit Co	mponent-Kent	t County, Maryla	nd					
	Map symbol and soil name	Land capability	Barley	Corn	Corn silage	Grass hay	Grass- legume hay				
			Bu	Bu	Tons	Tons	Tons				
	Ax—Axis mucky silt loam										
	Axis	7w	-	-	-	-	-				
	Be-Beaches										
	Beaches	8	—	_		-	-				
	Bs—Bibb silt loam										
	Bibb	5w	-	-		3.00	-				
	Bt—Bibb variant silt loam										
	Bibb variant	7w	-	-	-	-	-				
	BuA—Butlertown-Mattapex silt loams, 0 to 2 percent slopes										
	Butlertown	2w	_	130	26.00	<u>1973</u>	3.50				
	Mattapex	2w	_	135	27.00	_	3.50				
	BuB2—Butlertown-Mattapex silt loams, 2 to 5 percent slopes, moderately eroded										
	Butlertown	2e	-	130	26.00		3.50				
	Mattapex	2e	_	135	27.00	_	3.50				
	BuC2—Butlertown-Mattapex silt loams, 5 to 10 percent slopes, moderately eroded										
	Butlertown	3e	_	120	24.00	-	3.50				

6. A print menu will appear, review the print options and click the **"OK"** button when ready to print.

Printer	
Name: RICOH SP 311DN	Properties
Status: Ready	
Type: RICOH SP 311DN PCL 6	
Where: 128.8.90.242	
Comment:	Print to file
Print range	Copies
All	Number of copies: 1
Pages from: 1 to: 1	
Selection	11 22 33 Collate
	OK Cancel

Generating Reports for Irrigated and Non-Irrigated Crops

Generating Other Useful Reports Reports for **irrigated and non-irrigated** crops can be generated separately (for up to 5 crops at a time, or together (for up to 3 crops at a time):

Area of Interest (AOI)	Soil Map Soil	Data Explorer Do	wnload Soils	Data Shop	ping Cart (Fre	e)		
View Soil Information By Use:	All Uses 👻							Printab
Intro to Soils	uitabilities and Limitations (ior Lise Soil Pro	perties and (Qualities)	Ecological Sit	Assessment	Soil Ren	orts
			perdes and t	200110C5	Leological on	Absebbillent	- oon kept	
Search	0	Soil Map						
Soil Reports	8	Report — Irrigated and	Nonirrigated	l Yields by Map Ur	nit Compone	nt		
	Open All Close All 2	Kent County, March						
AOI Inventory	2 3	Map symbol and soil	Land	l capability		Corn	T	omatoes
Building Site Development	2 3	name	Irrigated	Nonirrigated	Irrigated	Nonirrigated	Irrigated	Nonirriga
Construction Materials	2 3					Bu		Tons
Disaster Recovery Planning	(2) ⊗	Ax—Axis mucky silt loam						
Land Classifications	2 3	Axis	-	7w	-	_	-	
Land Management	() (S)	Be—Beaches						
Recreational Development	() (S)	Beaches	-	8	-	-	-	
Sanitary Facilities	() (S)	Bs—Bibb silt loam						
Soil Chemical Properties	() (S)	Bibb	-	5w	-	-	-	
Soil Erosion	(2) (3)	Bt—Bibb variant silt loam						
Soil Physical Properties	() (S)	Bibb variant	-	7w	-	-	-	
Soil Qualities and Features	() (S)	BuA-Butlertown-						
Vegetative Productivity	3 (2)	to 2 percent slopes						
Forestland Productivity		Butlertown	-	2w	-	130	-	
Irrigated and Nonirrigated Component	Yields by Map Unit	зрех	-	2w	165	135	-	
View Descr	iption View Soil Report	BuB2—Butlertown- Mattapex silt loams, 2						
Options	20	to 5 percent slopes, moderately eroded						
Select 1-3 crops	hay (Tons)	Butlertown	-	2e	-	130	-	
Bahiag	(Ru)	Mattapex	-	2e	165	135	-	
Corn s	on bermudagrass (AUM) Bu)	BuC2—Butlertown- Mattapex silt loams, 5 to 10 percent slopes, moderately eroded						

1. The **RUSLE2 related attributes of soils**;

Area of Interest (AOI) Soil Map Soil Data Explorer ad Soils Data Shopping Cart (Free) Printable Version Add to Shopping Car Soil Reports Intro to Soils Suitabilities and Limitations for Use Soil Properties and Qualities Soil Map Search Report - RUSLE2 Related Attribute Soil Reports Open All Close All Kent County, Maryland AOI Inventory 33 Map symbol and soll name Pct. of map unit Slope length (ft) K T factor Representative Component Description (Nontechnical) % Silt 96 C % Sand Component Legend Ax-Axis mucky silt loam Descripción de la Unidad de Mapa Axis 100 B/D .32 5 26.5 53.5 . Descripción de la Unidad de Mapa (Breve, Generada) Be-Beaches Map Unit Description Beaches D .02 98.0 1.0 80 5 Map Unit Description (Brief) Bs—Bibb silt loam Map Unit Description (Brief, Generated) Bibb 100 B/D .49 5 32.9 57.1 Selected Soil Interpretation Description and Criteria Bt-Bibb variant silt loam Summary Selected Soil Interpretations Bibb variant 100 C/D .28 5 18.7 47.8 BuA—Butlertown-Mattapex silt loams, 0 to 2 percent slopes Survey Area Data Summary Survey Area Map Unit Symbols and Names Butlertown 45 72.3 c .49 5 14.2 Building Site Development 33 Mattapex 40 .49 5 14.2 71.8 Construction Materials 00 BuB2—Butlertown-Mattapex silt loams, 2 to 5 percent slopes, moderately eroded Disaster Recovery Planning 33 Land Classifications 33 Butlertown 40 .49 5 14.2 72.3 0 Land Management 33 Mattapex 40 .49 5 14.2 71.8 C 00 Recreational Development BuC2—Butlertown-Mattapex silt loams, 5 to 10 percent slopes, moderately eroded Sanitary Facilities 23 00 Soil Chemical Properties .49 14.2 72.3 28 Butlertown 40 C 5 Soil Erosion RUSLE2 Related Attribu 35 c .49 14.2 71.8 5 - lane opes, moderately View Description View Soil Report

2. The **Map unit description (Brief, generated**), which gives a brief summary of the important properties of the soils;

Area of Interest (AOI) Soil Map So	il Data Explorer Download Soils Data Shopping Cart (Free)				
View Soil Information By Use: All Uses 🗸	Printable Version A				
Intro to Soils Suitabilities and Limitations	for Use Soil Properties and Qualities Ecological Site Assessment Soil Repo				
Search 🦉	Soil Map				
Soil Reports	Report — Map Unit Description (Brief, Generated)				
Open All Close All 2	Minor map unit components are excluded from this report.				
AOI Inventory	Kent County, Maryland				
Component Description (Nontechnical)	Map Unit: Ax—Axis mucky silt loam				
Component Legend	Component: Axis (100%)				
Descripción de la Unidad de Mapa	The Axis component makes up 100 percent of the map unit. Slopes are 0 to 1 percent. This comp marshes. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is Water movement in the most restrictive layer is moderately high. Available water to a depth of 6 Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zc				
Descripción de la Unidad de Mapa (Breve, Generada)					
Map Unit Description					
Map Unit Description (Brief)	is at 0 inches during January, February, March, April, May, June, July, August, September, Octob				
Map Unit Description (Brief, Generated)	s 7w. This soil meets hydric criteria. The soil has a slightly saline horizon within 30 inches of the				
View Description View Soil Report	Map Unit: Be—Beaches				
This report has no options	Component: Beaches (80%)				
	Generated brief soil descriptions are created for major soil components. The Beaches is a miscella				
View Description View Soil Report Component: Purnell, very frequently flooded (5%)					
Selected Soil Interpretation Description and Criteria	Generated brief soil descriptions are created for major components. The Purnell soil is a minor cor				
Selected Soil Interpretations	Map Unit: Bs—Bibb silt loam				
Survey Area Data Summary	Component: Bibb (100%)				
Survey Area Map Unit Symbols and Names	The Bibb component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This comp plains. Depth to a root restrictive laver is greater than 60 inches. The natural drainage class is o				

3. Hydric rating;

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 Assessm								
Search 😵	Soil Map							
Soil Reports 🔗	Report — Hydric rati	ng by map unit(5 categories)						
Open All Close All Image: Close All <t< th=""><th colspan="6">This Hydric Soil Category rating indicates the cumulative percentage of compone within the map units. Map units are composed of one or more map unit componer hydric or not hydric. The class ratings are: Hydric (100%), Predominantly hydric Predominantly nonhydric (1 to 32%), and Nonhydric (0%).</th></t<>	This Hydric Soil Category rating indicates the cumulative percentage of compone within the map units. Map units are composed of one or more map unit componer hydric or not hydric. The class ratings are: Hydric (100%), Predominantly hydric Predominantly nonhydric (1 to 32%), and Nonhydric (0%).							
Construction Materials	Kent County, Maryland							
Disaster Recovery Planning (2) (3) Land Classifications (2) (3)	Mapunit symbol	Map symbol and map unit name						
Conservation Tree and Shrub Suitability Groups	Ax	Ax—Axis mucky silt loam						
Forage Suitability Groups	Be	Be—Beaches						
Hydric rating by map unit(5 categories)		Po Bibb cilt loom						
View Description View Soil Report	Bt	Bt—Bibb variant silt loam						
Options	BuA	BuA—Butlertown-Mattapex silt loams, 0 to 2 percent slopes						
Include Minor Soils	BuB2	BuB2—Butlertown-Mattapex silt loams, 2 to 5 percent slopes, moderately eroded						
Hydric Soil List - All Components	BuC2	BuC2—Butlertown-Mattapex silt loams, 5 to 10 percent slope moderately eroded						
Hydric Soils	CeB2	CeB2-Colts Neck loam, 0 to 5 percent slopes, moderately er						
Land Canability Classification								

4. Reports may also be generated for soil properties individually, by clicking on the **"Soil Properties and Qualities"** tab under "Soil Data Explorer". For example, Soil **Drainage Class**:

/iew Soil Information	By Use: All Uses			Printable Version
Intro to Soils	Suitabilities and Limitations	for Use	Soil Properties and Qualities Ecological Site As	ssessment Soil R
Search	8	Map — Draina	age Class	
Properties and Qua	alities Ratings 🛛 🔕	Tables — Dra	inage Class — Summary By Map Unit	
	Open All Close All 2	Summary by	y Map Unit — Kent County, Maryland (MD029)	
Soil Chemical Proper	ties 🕜 🎯	Map unit	Map unit name	Rating
Soil Erosion Factors	3 3	Symbol	Avia mudar ailt la sm	Very peerly drained
Soil Physical Propert	ies 🕜 🏵	AX	Axis mucky sill loam	Very poorly drained
Soil Qualities and F	eatures 🛛 🔇 🔕		Ribb sit loom	Roorly drained
AASHTO Group Cla	ssification (Surface)	Bt	Bibb variant silt loam	Very poorly drained
Depth to a Selecte	ed Soil Restrictive Layer	BuA	Butlertown-Mattanex silt loams 0 to 2 percent slopes	Well drained
Depth to Any Soil Drainage Class	Restrictive Layer		Butlertown-Mattapex sit loans, 0 to 1 percent slopes moderately eroded	Moderately well drained
	View Description View Rating	BuC2	Butlertown-Mattapex silt loams, 5 to 10 percent slopes, moderately eroded	Well drained
View Options	2 8	CeB2	Colts Neck loam, 0 to 5 percent slopes, moderately eroded	Well drained
Мар		CeC2	Colts Neck loam, 5 to 10 percent slopes, moderately eroded	Well drained
Table		CgC2	Colts Neck gravelly loam, 2 to 10 percent slopes, moderately eroded	Well drained
Description of Rating		CgC3	Colts Neck gravelly loam, 5 to 10 percent slopes, severely eroded	Well drained
Rating Options	Detailed Description	CgD2	Colts Neck gravelly loam, 10 to 15 percent slopes, moderately eroded	Well drained
Advanced Options	2 8	CgD3	Colts Neck gravelly loam, 10 to 15 percent slopes, severely eroded	Well drained
Aggregation Method	Dominant Condition -	CnE	Colts Neck and Sassafras soils, 15 to 40 percent slopes	Well drained
Component Percent		Em	Elkton silt loam, 0 to 2 percent slopes	Poorly drained
Cutoff		FaA	Fallsington sandy loam, 0 to 2 percent slopes	Poorly drained
Tie-break Rule	OLower	FgA	Fallsington loam, 0 to 2 percent slopes	Poorly drained
	Higner	FmB	Fort Mott loamy sand, 0 to 5 percent slopes	Well drained

2/2016