

## Default Map View

The map displays a large, irregularly shaped area highlighted in light blue, representing a specific geographic region of interest. The map includes a legend on the left titled 'Grouped Map Layers' with categories such as BOUNDARIES, CENSUS, DEVELOPMENT / ADEQUATE PUBLIC FACILITIES, ELECTION, ENVIRONMENTAL, FLOODPLAIN, HISTORICAL / PRESERVATION, LAND USE / ZONING, PROPERTY / TAX MAP, ROADWAY / PEDESTRIAN, and IMAGERY (AERIALS). The map also features a search bar at the top right for 'Address Search: Enter Street #, Hit enter for suggestions' and a scale bar at the bottom left indicating '5 mi'. A small inset map in the bottom left corner shows the location of Charles County within Maryland. The map is powered by Esri and includes credits for NASA, NGA, USGS, VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, and USFWS.

Address Search: Enter Street #, Hit enter for suggestions

Grouped Map Layers

- Layers
- BOUNDARIES
- CENSUS
- DEVELOPMENT / ADEQUATE PUBLIC FACILITIES
- ELECTION
- ENVIRONMENTAL
- FLOODPLAIN
- HISTORICAL / PRESERVATION
- LAND USE / ZONING
- PROPERTY / TAX MAP
- ROADWAY / PEDESTRIAN
- IMAGERY (AERIALS)

Charles County Maryland

Planning Division Mapping Services

5 mi

-76.721 38.377 Degrees

Esri, NASA, NGA, USGS | VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS. Powered by Esri

About Map

How do you get to the map?

The screenshot shows the Charles County, Maryland website. At the top, there is a navigation bar with links for Customer Care Survey, Contact Us, and Translate. A search bar is also present. The main content area has a blue header with the following categories: SERVICES (underlined and highlighted with a red arrow), OUR COUNTY, GOVERNMENT, BUSINESS, and I WANT TO... Below these categories are several sections of content. A yellow callout box with a red arrow points to the 'SERVICES' header, stating: "From the County's main web page, hover your mouse pointer over the 'SERVICES' header". Another yellow callout box with a red arrow points to the 'Mapping Services' link in the 'Free Limited Legal Advice' section, stating: "Move mouse pointer to 'Mapping Services' and left mouse click." At the bottom of the page, there are five circular icons: CITIZEN ALERT, BOARDS & COMMISSIONS, ONLINE PAYMENTS, COMMISSIONER HEARINGS, and SUBSCRIBE TO E-NEWS.

Customer Care Survey Contact Us Translate

Search...

Charles County Maryland

SERVICES

OUR COUNTY

GOVERNMENT

BUSINESS

I WANT TO...

**Aging and Senior Services**

- Nanjemoy Community Center
- Senior Centers
- SCOOP

**Alerts**

- Citizen Notification System
- Closings/Delays
- Road Closures

**Animal Care & Control**

- Animal Care Center

**Compliments, Concerns, & Complaints**

**Emergency Services**

- Department of Emergency Services
- Recruitment Information
- Emergency Preparedness
- Public Safety Town Hall
- Emergency Services Staff Directory
- Emergency Services Mapping

**Environmental Resources**

- Operating Status
- Charles County Recycles App
- Apartment Building & Condominium Recycling (ABCR)
- Curbside Recycling
- Mattress Recycling
- Landfill
- Adopt A...
- Litter Control
- Maryland Recycling Act (MRA)
- Recycling Centers & Drop-off Facilities
- Food Waste Prevention
- Reuse Directory
- Solid Waste Management Plan
- Yard Waste

**False Alarm Reduction Unit (FARU)**

- Pay False Alarm Renewal Fee and Fines

**Free Limited Legal Advice**

- Mapping Services

**Property Tax Inquiry**

**Online Payments**

**Health and Human Services**

- Childcare
- Housing Services
- Charles County Department of Health
- COVID-19 Updates

**Internal Audit**

**Library**

**Media Services**

- Charles County Government Television
- Public Information Office
- Community Engagement
- Stay Connected
- Video KWIQ (KeyWord Index Query)

**Roads**

- Snow Operations
- Report a Road Concern
- Report a Traffic Safety Concern

**Safety**

- Maryland State Police
- Charles County Sheriff's Office
- Emergency Preparedness

**Service Line Assurance Initiative**

**Transportation**

- Report an ADA Accessibility Concern for a Road or Sidewalk
- VanGO Public Transportation (copy new)

**Veterans Corner**

- Commission for Veterans Affairs

**Water and Sewer Billing**

- Account Inquiry
- Payment Assistance Organizations
- E-Billing Sign Up
- Pay Water/Sewer Bill Online

Stay Engaged

Click Here

Citizen Alert

Boards & Commissions

Online Payments

Commissioner Hearings

Subscribe to E-News

How do you get to the map?

The screenshot shows the Charles County, Maryland website. The top navigation bar includes links for 'Customer Care Survey', 'Contact Us', and 'Translate'. A search bar with a magnifying glass icon is also present. The main menu features 'SERVICES', 'OUR COUNTY', 'GOVERNMENT' (which is highlighted in yellow), 'BUSINESS', and 'I WANT TO...'. The 'GOVERNMENT' menu is expanded to show 'Planning and Growth Management', 'Development Engineering', 'Education and Outreach', 'Mapping Services' (which is highlighted in blue and has a red circle around the 'GIS Interactive Map' link), and 'Stormwater Management'. The 'Mapping Services' section contains links for 'GIS Interactive Map' and 'Order a Map'. The main content area is titled 'Mapping Services' and shows a map of the county with a red dot indicating a location. Below the map are four buttons: 'GIS INTERACTIVE MAP', 'INTERACTIVE MAP GUIDE', and two smaller maps. A yellow callout box with a red border and arrow points to the 'GIS Interactive Map' link in the sidebar, with the text: 'Left mouse click on one of these 2 locations. Interactive map will open.'

What does all this mean? Brief button descriptions on page 5.

This screenshot shows the Charles County, Maryland, GIS map interface with various tools and features highlighted by numbered callouts.

- 1. Details and help with map.** (Yellow box with red arrow)
- 2. Coordinates Window** (Yellow box with red arrow)
- 3. Scale Bar** (Yellow box with red arrow)
- 4. Compass** (Yellow box with red arrow)
- 5. Locator Button** (Yellow box with red arrow)
- 6. Home Button** (Yellow box with red arrow)
- 7. Zoom – Can also zoom using mouse wheel** (Yellow box with red arrow)
- 8. Map Data Layers** (Yellow box with red arrow)
- 9. Data Legend** (Yellow box with red arrow)
- 10. Bookmark** (Yellow box with red arrow)
- 11. Print (PDF)** (Yellow box with red arrow)
- 12. Add Data** (Yellow box with red arrow)
- 13. Property Search** (Yellow box with red arrow)
- 14. Drawing Tool** (Yellow box with red arrow)
- 15. Measure Tool** (Yellow box with red arrow)
- 16. Select Data Tool** (Yellow box with red arrow)
- 17. Address Search Window – Search for the location of a property using its address.** (Yellow box with red arrow)

The map displays the Charles County area, including towns like Waldorf, Bensenville, and Bel Alton, and various geographical features like the Potomac River and Caledon State Park. The interface includes a topographic map, a legend, and various data layers such as boundaries, census, and development.

## Map button descriptions.

1. **Details and help with map** – Button opens side window of map details, help, and helpful PGM web links.
2. **Coordinates Window** – Longitude and Latitude for where cursor is located on map.
3. **Scale Bar** – Shows current scale of map view.
4. **Compass** – Shows north direction
5. **Locator Button** – Places locator (Blue Dot) on map for identification of your current location.
6. **Home Button** – Returns map back to Default (Home) view.
7. **Zoom Button** – Zoom in and out controls for map view. Zoom can also be controlled by a mouse wheel.
8. **Data layers Button** – Display data layers of map with controls for viewing layers. (Page 6)
9. **Legend** – Legend for data layers currently displayed in the map view. (Page 7)
10. **Bookmark** – Bookmarks current map view (location) for later use. Layers in use are not saved. (Page 8)
11. **Print Map** – Print current map view in pdf or jpg format. (Page 9)
12. **Add Data** – Add GIS data to map. (Page 10)
13. **Property Search** – Property search tool. Search by property ACCTID or by Tax Map, Grid, Parcel Number. (Page 11)
14. **Drawing Tool** – Use tool to draw shapes or text within the map area. (Page 12)
15. **Measure Tool** – Use tool to measure distances and areas within the map area. (Page 13)
16. **Select Tool** – Use to select data within the map view. (Page 14)
17. **Address Search Window** – Use to search for properties by address. Enter street number of address and hit enter. Suggestions will appear, left mouse click on the address you want, map will zoom to property.

The image shows the Charles County GIS Interactive Map interface. On the left, a sidebar titled 'Grouped Map Layers' lists various data layers. The 'CENSUS' layer is currently expanded, showing sub-layers: 'Census 2020 - Block Group', 'Census 2020 - Designated Place', and 'Census 2020 - Tract'. Each layer has a visibility icon (eye) and a 'More Options' menu (three dots). The map itself shows geographical features like rivers, roads, and land parcels. A red callout box highlights the 'Census 2020 - Block Group' layer, listing its options: 'Zoom to layer in map', 'Change layer transparency in map', 'Apply filter to data', and 'Calculate data statistics on number fields'. Other callout boxes explain the 'Grouped Map Layers' interface, including the 'Open Data Layers list' (List open by default when map opens), 'Expand / Collapse grouped layer list', 'Close list', 'Layer visibility in map, on or off.', and 'Move layer in list, left mouse click and hold to move. Layers higher in the list are topmost layer in map.'

Open Data Layers list (List open by default when map opens)

Expand / Collapse grouped layer list

Close list

Expanded Layer List

Layer visibility in map, on or off.

Move layer in list, left mouse click and hold to move. Layers higher in the list are topmost layer in map.

Display legend (symbology) for layer. Legend expands in layer list.

More Layer Options:

- Zoom to layer in map
- Change layer transparency in map
- Apply filter to data
- Calculate data statistics on number fields

Charles County Maryland  
Planning Division  
Mapping Services

Address Search: Enter Street #, Hit enter for suggestions

5 mi

-76.476 38.432 Degrees

About Map

The screenshot shows a GIS map of Charles County, Maryland. A semi-transparent grey mask is applied to the map, covering areas outside the county boundary. The mask is labeled 'Charles County Mask' in the legend. A black line represents the 'Charles County Boundary'. A yellow box labeled 'Map Legend' points to the legend in the top left corner. Another yellow box contains the text: 'Only layers currently visible in map will show in legend.' A red arrow points from the text 'Black line in map.' to the black boundary line. A red box labeled 'Semi transparent grey masking of areas outside Charles County.' points to the grey masked area. The map includes labels for towns like Lorton, Fort Belvoir, Bensenville, Waldorf, Penn Manor, Bel Alton, and Clifton on the Potomac. Roads are labeled with names like 210, 224, 488, and 6. A scale bar indicates 5 mi. The bottom right corner has a 'About Map' button.

Map Legend

Only layers currently visible in map will show in legend.

Black line in map.

Semi transparent grey masking of areas outside Charles County.

Charles County Boundary

Charles County Mask

Address Search: Enter Street #, Hit enter for suggestions

Legend

BOUNDARIES

Charles County Boundary

Charles County Mask

5 mi

-76.644 38.364 Degrees

About Map

Bookmarks – Saves current map view for future use. Clearing your web browsers historical data will delete saved bookmarks.

Left mouse click here to save a bookmarked view.  
Saved bookmarks will remain here.

Charles County Maryland  
Planning Division Mapping Services

5 mi

-76.472 38.630 Degrees

About Map

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Print Map view – Map is saved in electronic format.

Set paper size of map.

Set title of map.

Set file format of map.

Additional settings for print.

Print button it initiate electronic print.

Check box to see current print area for settings.  
Light blue area will display on screen and represents print area of map.

Add GIS data tool – Add GIS data from ArcGIS online, web service url, or data file.

Address Search: Enter Street #, Hit enter for suggestions

There is currently no added data.

+ Click to add data

Type data description here to search for data.

Search results.

Switch search source between ArcGIS online and Living Atlas.

Controls used to filter and/or sort data results.

Charles County Maryland  
Planning Division Mapping Services

5 mi

-76.803 38.654 Degrees

About Map

Search Property Tool – Search for the location of a property using its ACCTID, or by Tax Map, Grid, or Parcel Number

Address Search: Enter Street #, Hit enter for suggestions

Property Search Tools

Search by ACCTID

Search by Tax Map, Grid, & Parcel #

Property Search Tools

← Search by ACCTID

Query

ACCTID is

10 Digits - "09" + Property Tax ID

ACCTID's for properties within Charles County are 10 digits long, the first two digits are "09" and the remaining eight digits are the properties Tax ID, as shown in the upper right corner of the Tax Bill.

Apply Reset

Property Search Tools

← Search by Tax Map, Grid, & Parcel #

Query

MAP is

Tax Map #

GRID is

Tax Map Grid #

PARCEL is

Tax Map Parcel #

Apply Reset

Charles County Maryland

Planning Division Mapping Services

5 mi

-76.889 38.494 Degrees

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About Map

The screenshot shows the Charles County GIS Interactive Map interface. A red arrow points from the 'Drawings' button in the 'Grouped Map Layers' sidebar to a yellow callout box that reads: 'Drawing tool – Use to draw graphics or text within map area.' Another red arrow points from the 'Drawings' button to a larger yellow callout box containing the 'Button Key'.

**Button Key:**

- 1 – Selection tools for selecting drawn objects.
- 2 – Draw a point.
- 3 – Draw a line.
- 4 – Draw a polygon.
- 5 – Draw a square / rectangle.
- 6 – Draw a circle.
- 7 – Draw text.
- 8 – Undo last drawing operation.
- 9 – Redo last drawing operation.
- 10 – Clear drawings from map area.

Any graphics or text drawn using the Drawing Tool, will be placed into a temporary layer named "Drawings".

**Grouped Map Layers**

- Drawings (highlighted with a red circle)
- BOUNDARIES
- CENSUS
- DEVELOPMENT / ADEQUATE PUBLIC FACILITIES
- ELECTION
- ENVIRONMENTAL
- FLOODPLAIN
- HISTORICAL / PRESERVATION
- LAND USE / ZONING
- PROPERTY / TAX MAP
- ROADWAY / PEDESTRIAN
- IMAGERY

**Charles County Maryland**  
Planning Division  
Mapping Services

Address Search: Enter Street #, Hit enter for suggestions

5 mi

-76.924 38.544 Degrees

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About Map

Measure tool – Use to measure distances and areas within the map area.

Address Search: Enter Street #, Hit enter for suggestions

Button Key:

- 1 – Line measurement.
- 2 – Area measurement.
- 3 – Units window for units of measurement.
- 4 – Delete measurement within map area.

Example of area measurement.

Area  
3.00 acre  
Perimeter  
0.28 mi

New measurement

Charles County Maryland  
Planning Division  
Mapping Services

5 mi

-77.177 38.520 Degrees

Esri, NASA, NGA, USGS | VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Powered by Esri

The screenshot shows a GIS map of Charles County, Maryland, with various locations and roads labeled. A yellow callout box highlights the 'Measure tool' icon in the top toolbar. A red arrow points from this callout to the tool icon. Below the toolbar, a sub-menu for the measure tool is open, showing 'Measure unit' with options like 'Acres' and 'Miles'. The sub-menu also includes buttons for 'New measurement' and 'Delete measurement'. A callout box with a white background and black border contains the 'Button Key' with numbered descriptions. Another callout box highlights an area measurement result: 'Area 3.00 acre Perimeter 0.28 mi'. The map itself shows a specific area outlined in orange, labeled '3.00 acre'. The bottom left corner features the Charles County logo and text: 'Charles County Maryland Planning Division Mapping Services'. The bottom right corner has a link 'About Map'.

Select Data tool – Use to select data in the map view.  
One to multiple records can be selected.

Choose selection method.

Selectable layers within map.

Example of tax parcel data multiple selection.

**Selection Method Types:**

- Rectangle – data touched by rectangle drawn will be selected.
- Line – data touched by line drawn will be selected.
- Point – data touched by point drawn will be selected.

Holding down the keyboard shift key while making selections will add to any current selection.

Holding down the keyboard ctrl key while mouse clicking on a selection will remove it from the current selection.

**Charles County Maryland**  
Planning Division  
Mapping Services

5 mi

-76.719 38.577 Degrees

Address Search: Enter Street #, Hit enter for suggestions

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