

Pictometry Online Quick Manual

PICTOMETRY ONLINE - [HTTPS://POL.MONROECOUNTY.GOV/EFS](https://pol.monroecounty.gov/efs)

Pictometry Online (POL) is a new way of viewing and using Pictometry's Images. It uses a web browser environment to do the same type of analysis as the Electronic Field Study Software. This is a brief user manual for use on the Monroe County System.

Only one login can be used at a time so do not share your information. The default timeout is 60 minutes of inactivity.

Username _____

Password _____

Please write your username above for future reference.

Problems with passwords or assigning new users please contact your organization administrator.

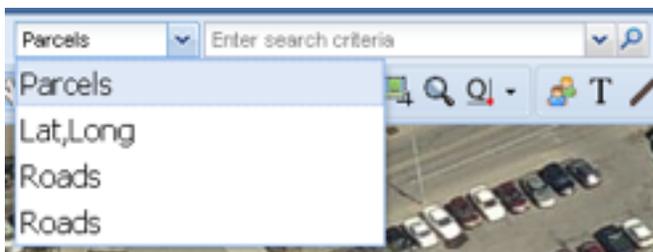
Organization Administrator _____

Email _____

Phone _____

THE INTERFACE

The first thing that this manual will go over is the interface. The main window looks very similar to Electronic Field Study(EFS). The Image window is where you perform most of your measurements and other markups. The Workspace Window allows you to see the different layers that are active. The Properties and Selection Windows are not activated during the test phase. If you would like to remove the Side Windows you can hit the Show/Hide Sidebar Button.



There are a few different tools that are used to located your desired image. The first one is the address search. Here you can type an address using parcels or centerlines data and you will then be presented with that location and the associated image. Under the Address search is the Latitude Longitude search, which you need the coordinates of a location to find an image. The third way to locate an image is the image tool. The image tool allows you to recenter the image and will also open another image if a better one is located. Once you have



a location or would like to change your location you can use the pan tool to move around the image.

Once you have your image location you can then view that area from different angles. To do this you can either use the image navigator toolbar or the camera icons. The Navigate Tool shows the same camera angles, the zoom, and will also allow you to see any other images for the same area using the arrows. You can also see the general map of the area. Clicking on the drop down will show you all available photos for the area. If you zoom out the interface will switch to different photos dependent on the scale. *Note: in 2006 Monroe County stopped flying community shots so at large scales only 2001 and 2003 images will be available.* The cameras are located in the image window and are icons to represent where the camera was facing when the aircraft took the image.



TOOLBARS

The toolbars are very similar to EFS. In this section we will go over what each tool does and some tips for them. To use each click onto the tool and your mouse will then become the tool. Each tool has different functions which are better described below.



The Pan Tool - Allows you to pan around the image.



Distance Tool - Works similar to the EFS version. When you drag a line it will measure a distance. Using the alt key will allow you to go into free hand mode, and using control will draw a box. V on your keyboard will insert a vertex.



Area Tool - Works similar to the distance tool but gives the area instead of distance.



Location Tool - Will give you the location in Latitude and Longitude where-ever you click.



Pitch Tool - In order to use the pitch tool first measure the edge of the roof. the peak of the roof, and then measure the length of the roof. This will calculate the pitch of the roof.



Text Annotation Tool - allows you to add text to the image.



Polygon Annotation Tool - allows you to draw shapes on the image.



Marker Tool - It allows you to place a point with an icon. Using the drop down you can select from many different icons, using the drop down menu.



Export Tool - Allows you to export the current image. If you are viewing an ortho-image you have the option of saving both the image and world file to use in a GIS software.



Area Export Tool - Works similar to the export tool but allows you to export only a portion of the image.



Height Tool - To measure the height of an object draw a line from the base of the object to the top. The measurement will be in the tool information area.



Elevation Tool - Where-ever you click using this tool, you will get the elevation at that location. The elevation is based on the 2006 LiDAR Collection for the 2006 and 2009 photos and the USGS for the older Images



Bearing Tool - Dragging a single line will give you the compass bearing for that line, hitting control after the first line will give you the angle of the two lines.



GIS Query Tool - Allows you to query the GIS layer overlays on an image. The default



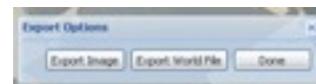
Line Annotation Tool - Allows you to draw on the image any type of line



Circle Annotation Tool - Allows you to draw circles on the image



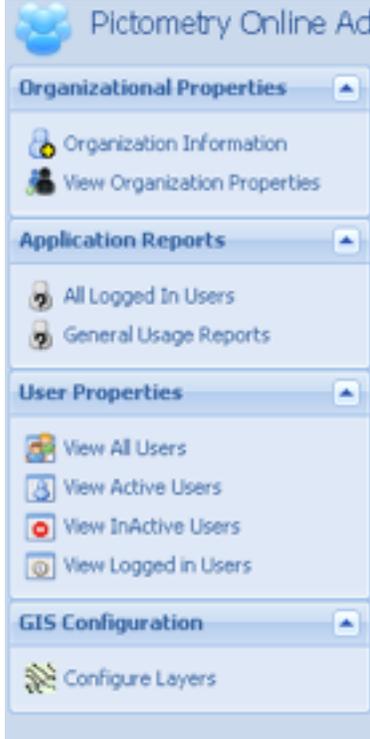
The toolbar above is used to change the attributes (color, thickness, or fill) of any of the annotation that you may have placed from the tools above.



When using an ortho-image you will get this message about the world file. If you save it, it will be the default coordinate system of WGS 1984.

ADMINISTRATOR HELP

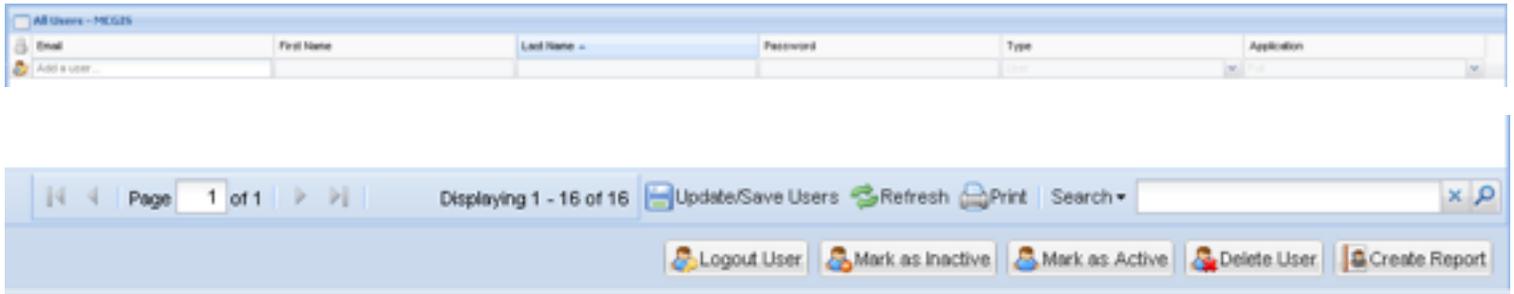
ONLY FOR ADMINISTRATORS IN AN ORGANIZATION



Clicking on Admin in the top right corner will allow the Organization Administrator to assign users, view active users, gather usage reports, and configure GIS layer. Organization Administrators cannot add new layers or see users in other Organizations.

To add users, first click on *View All Users*. From there you can see the users in your organization. You can add users from the top bar. To add a user you need include their email, first and last names, and a password. Then you need to assign the type of user account to create for the user. You can add an **Administrator**, which has the same privileges as other administrators, **User**, which has all POL functionality as the administrator without the ability to add new users, and **Guest**, which has limited user functionality. The choices in the application type you can assign Full or Lite. Full is normal access and the Lite is limited tools and functionality. When assigning most users set them to **User Full**.

When you add the users make sure to **Update/Save** users as you go along. The interface does not automatically save the changes.



Reports are another great tool that the administrator has access to. The **All Logged In Users** shows a quick report on who is logged in at a time. The **General Usage Reports** gives you more detail. You can pick a time frame to generate the report. From that you can see how many times an individual has logged in and how many individual images they have opened. You can also have the report exported to Excel which is helpful if you want to do any analysis on the usage. The MatchPoint Searches will always remain 0 because we do not provide that service since the address lookups are running on the GIS Services Division Servers.

The report can also give an idea of how many licenses you may need. By default all organizations have **10** concurrent licenses, meaning only 10 people from an organization can be logged in at a time. This has not been a problem yet but the reporting functions can help expand that.

