

## Using USA Photomaps

To download USA Photomaps goto: <http://jdmcox.com/>

Full Install of USAPhotoMaps 2.76 .... [Download Here](#) (478 KBytes)  
(most users update with a Full Install (it's easier (but bigger) than the zip file))

### RUN program

Click:

NEXT  
INSTALL  
CLOSE

Go to your Desktop and double click the USA Photomaps Icon

### Your First View

Press the F key to fill your screen with Satellite imagery

Page Up zooms out

Page Down zooms in

Use the arrow keys to look around

Enjoy your tour of Washington D.C.

Can you find:

Washington monument?

The Capitol?

Potomac River?

Anything else?

Enjoy your tour!

### Going Hometown

Now let's go to your hometown. At the top of the screen click on the **GoTo** function, then **Address**, now type in your city and state. Also add it to the **new map location** and **create a waypoint**.

Press the F key to fill your screen with map data.

What can you find?

Your house?

School or office?

Local park or ball field?

What else?

### **Viewing Topomaps**

Click on View  
Map Type  
Topomap

### **Saving a Map**

Click File  
Copy to Screen 01  
File will be saved as a .jpg in  
    C: Program Files\USA Photomaps\screen01  
All files will be saved in this folder  
JPG can be inserted into power-point and printed

### **Using USA Photomaps with your GPS**

Hook up the GPS cable to the 9 pin serial port on the back of your computer (It only fits in one port)

Click on GPS in USA Photomaps

- Select Comm Port 1
- Select 9600 BAUD
- Select Garmin Protocol

Select Waypoints or Tracks then send or receive depending on what you are doing

Click on Map to add waypoints

Waypoints can be uploaded to GPS by clicking on GPS

### **Determine Distance and Area using Routes**

Click on Route

    Create

    Click on screen and drag with mouse

    Click for every point

    Double click to stop

        Save route – Remember Name

        Move end to beginning, yes

        Acres will look odd

    Click on Route, name click OK

    Route will appear with distance, click OK to see Acres.

**What else would like at this point? See what you can find.....**

## Keyboard Functions

### Smooth Scrolling:

can be enabled for 1, 2, 8, and 16 meters/pixel zoom in aerial photos; 1/4, 1/2, 4, and 8 meters/pixel zoom in Urban Area photos; and 4 and 8 meters/pixel zoom in topos. Select File -Preferences -Everything Else, and change Lines of Pixels to Move for Each Increment of Smooth Scrolling. A selection of 0 will disable smooth scrolling. Other selections will use your video graphics adapter card to update the screen for each selected number of lines of pixels in a square of photo/topo data. For example, if you select 1, and you're zoomed in all the way, then your screen will be changed 200 times when you press an arrow key (because there would be 200 lines of pixels per square of photo/topo data).

### Measure Distance:

Hold the Ctrl key down while moving the cursor. It shows feet up to 5,280, and then miles, as well as degrees. It only measures within a UTM Zone. And it doesn't work if you change zoom level. Press Esc to remove the line.

To display multiple lines, create a distance measuring line, select File -Print, cancel the printing, and create another distance measuring line, and so on.

Ctrl-Delete: (hold the Ctrl key down while pressing the Delete key)

Deletes the individual photo/topo image that the cursor arrow is over.

### Shift-Delete:

Deletes an entire row of data (including off-screen data).

### The Q key:

Press it to see the name of the data file that contains the image that the mouse pointer is over. Press any other key to see Lat/Lon again.

### The X key:

Try it, you may need it someday.

### The I key:

If you press and hold it while looking at aerial photos at 8 thru 64 Zoom level, missing underlying 1 meter/pixel aerial photos will show as grey.

### Menu shortcut keys:

Anytime you see a letter to the right of a menu item, it's a menu shortcut key (like View - Tiger Streets -Highways H).

### Ctrl-PageUp/Ctrl-PageDown:

Zooms the map out or in, and the location at the mouse pointer will go to (roughly) the center of the screen.