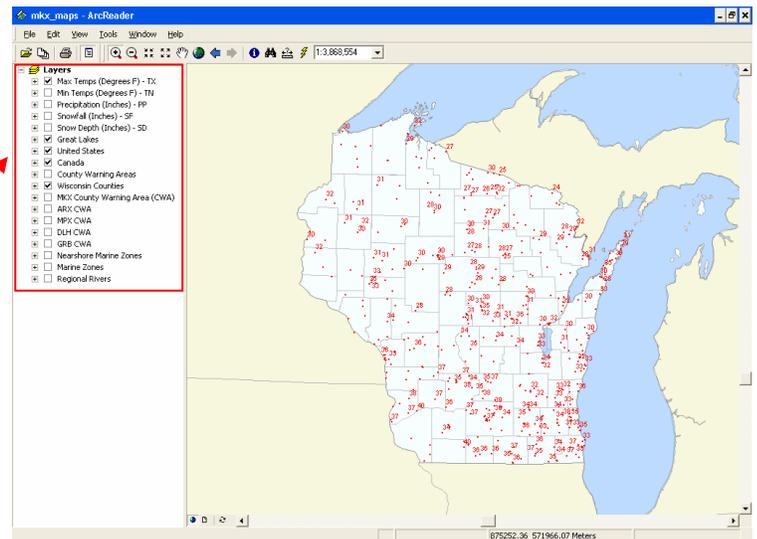


# Guide to using ESRI ArcReader

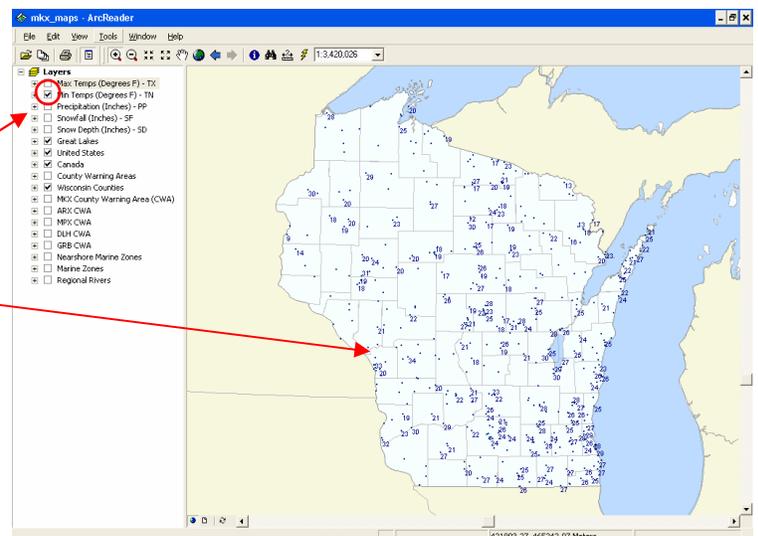
The Milwaukee/Sullivan National Weather Service office produces daily temperature and precipitation maps that require a free software program to view. The free program, called ArcReader, is available for download from ESRI via the following website...<http://www.esri.com/software/arcgis/arcreader/index.html>. After the program is installed you will be able to view the published map files produced by our office. This guide on the ArcReader software is only meant as a basic tutorial on some of the features and button functionality of the program. It is not meant to be a complete instruction manual.

## I. Map Display

- When you first open our published map file this is what you will see...a map of Wisconsin with Max Temperatures plotted.
- In order for information or map features to be displayed you have to select/deselect the desired layers on the left side menu.
- Once you select the layer it will automatically display on the map.



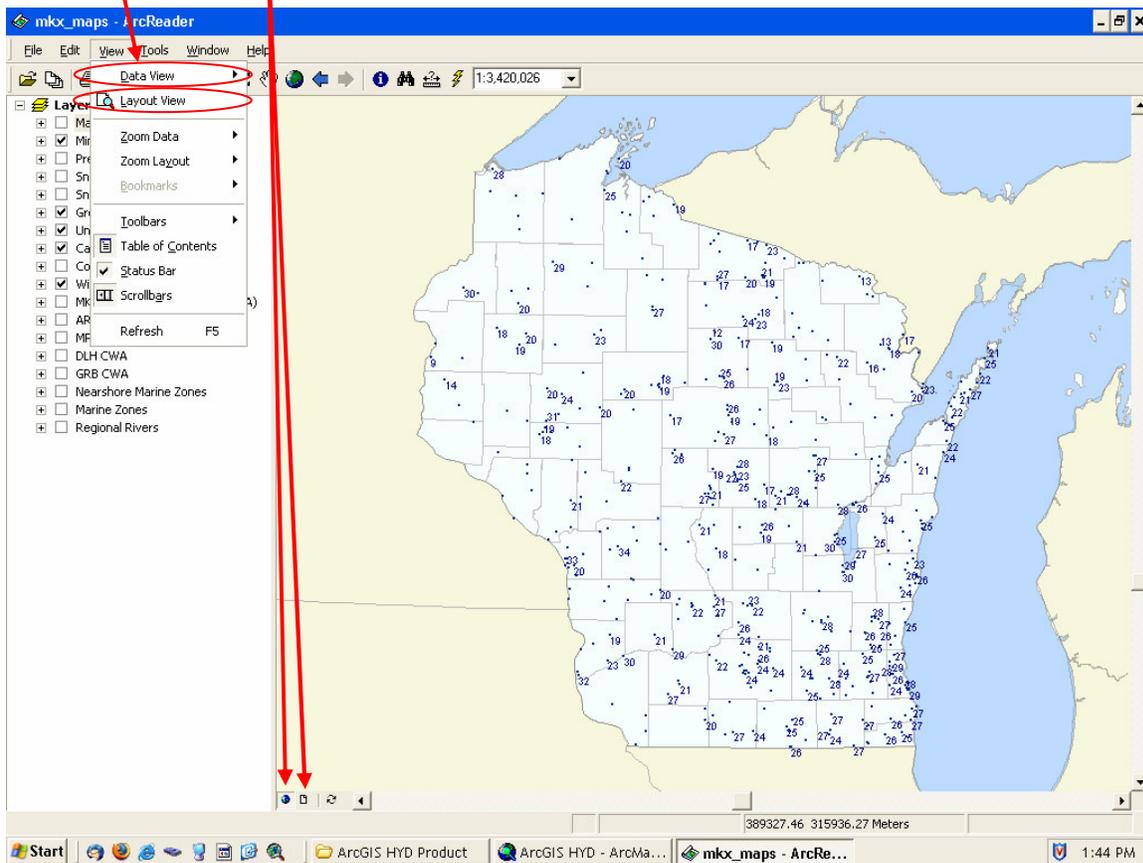
- Here we have Min Temperatures displayed.



- There are 2 views that are available with the published map file. The first one displayed is the Data View. This view shows a basic display with selectable layers. The second is the Layout View. This view displays the map in finished product form... suitable for viewing or printing as-is.

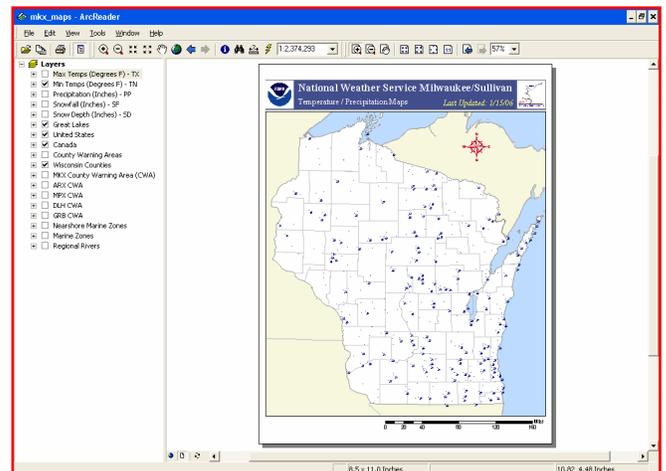
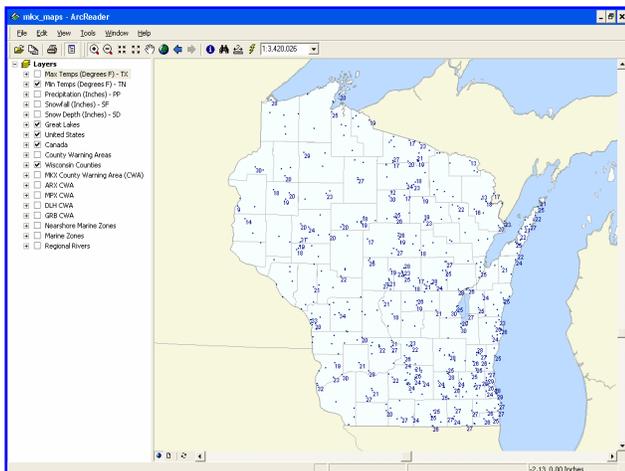
You can switch between the Layout and Data views by selecting View in the menu bar and either Data View or Layout View.

You can also use the toggle buttons here to switch between the two.



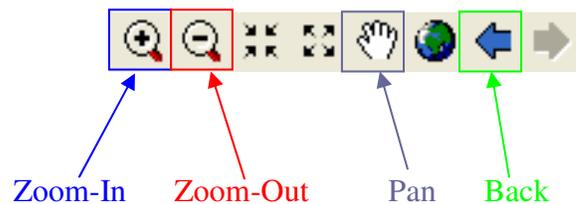
**Data View**

**Layout View**



## II. Toolbar Buttons

- Within each view you can zoom into the map to enhance detail. As you zoom in you will see more observation points being displayed with data.

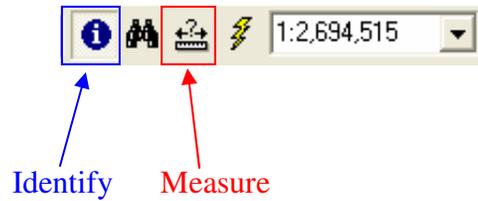


**Zoom-In** – Select this button then left click the mouse anywhere on the map to zoom in on that point. You can also left click and drag a square over an area that you wish to zoom in on. FYI, the smaller the square that you select...the further in you will zoom.

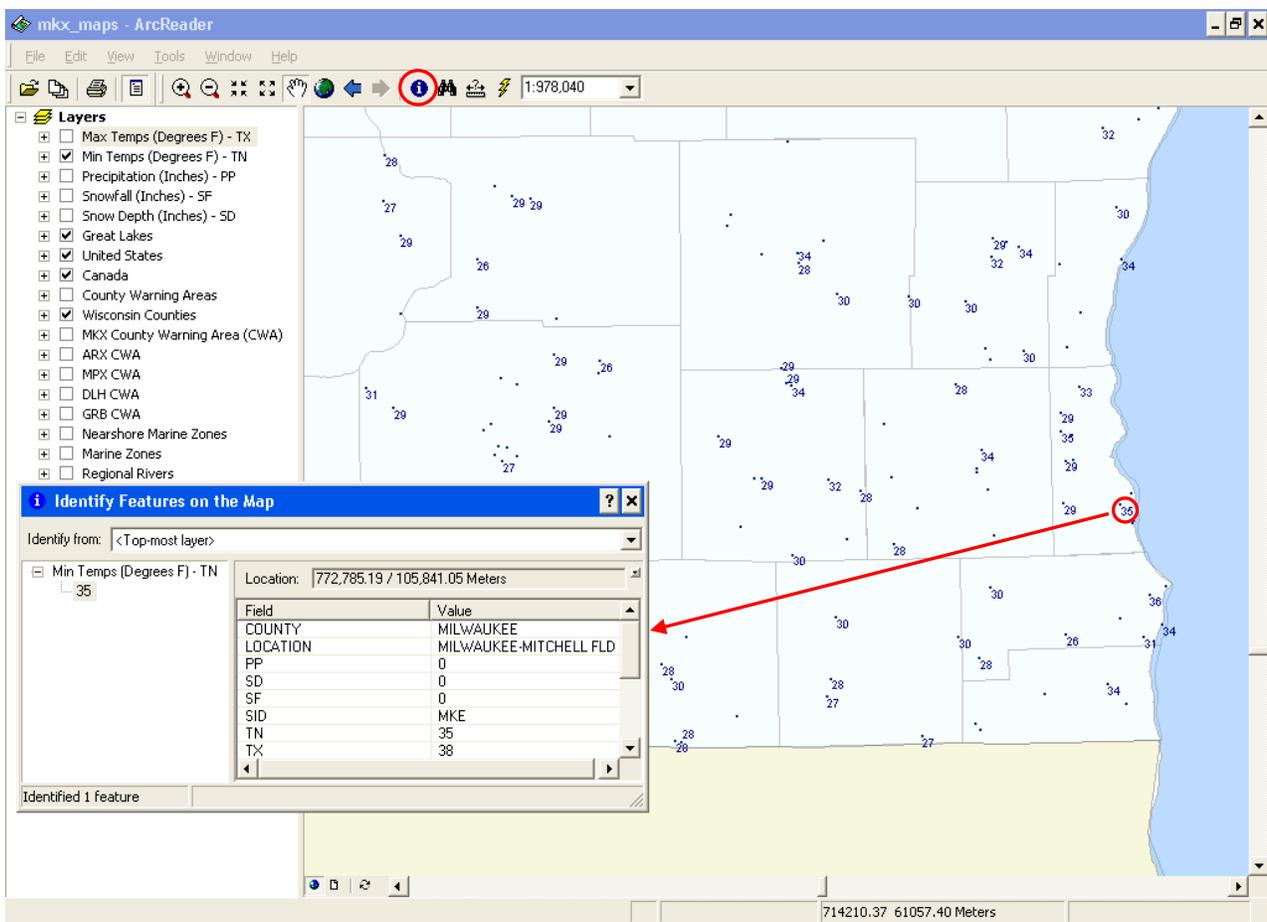
**Zoom-Out** - Select this button then left click the mouse anywhere on the map to zoom out from that point. You can also left click and drag a square over an area that you wish to zoom out from. FYI, the smaller the square that you select...the further out you will zoom.

**Pan** – Select this button...left click on the map and drag the mouse. This will shift the position of the map to center it over another location.

**Back** – This is basically like an undo button.

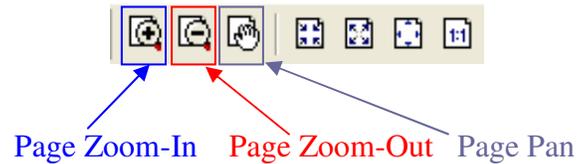


**Identify** – This button is used if you want to know more about a particular feature on the map. Hit the button then an identify features window pops up. Then you can click on a particular point or feature to get more information about it. Essentially everything on the map is clickable. The information that is displayed will be different depending on what you click.



**Measure** – Select this button then left click over any location on the map to anchor the starting point. Then move the mouse to your end point and you will see the distance between the two points. You can also do multiple segments by continuing to anchor points on the map. To stop the Measure tool just double click on the map.

- The Layout view has a few additional buttons available when displayed...



**Page Zoom-In** – In the Layout View...select this button then left click the mouse anywhere on the map to zoom in on that point. You can also left click and drag a square over an area that you wish to zoom on. This function will enlarge the size of the page itself. It will not zoom into the map in the same way as the other zoom  button.

**Page Zoom-Out** – In the Layout View...select this button then left click the mouse anywhere on the map to zoom out from that point. You can also left click and drag a square over an area that you wish to zoom out from. This function will reduce the size of the page itself. It will not zoom out from map in the same way as the other zoom  button.

**Page Pan** - In the Layout View...select this button then left click on the map and drag the mouse. This will shift the position of the entire map within the view window.

*(These are only a select few of the buttons and tools available on ArcReader. All of the buttons displayed on the tool bar will have functionality with our published maps.)*

