

# First Steps

- Install ArcInfo 8.0.2 with ArcMap on an NT workstation
- Insert the NSIP CD into your CD drive

# Copy Files to a New Directory on Your Hard Disk

- goal\_1.mxd
- goal\_2.mxd
- goal\_3.mxd
- goal\_4.mxd
- nsip\_sites.ldb
- nsip\_sites.mdb

# In NT Explorer

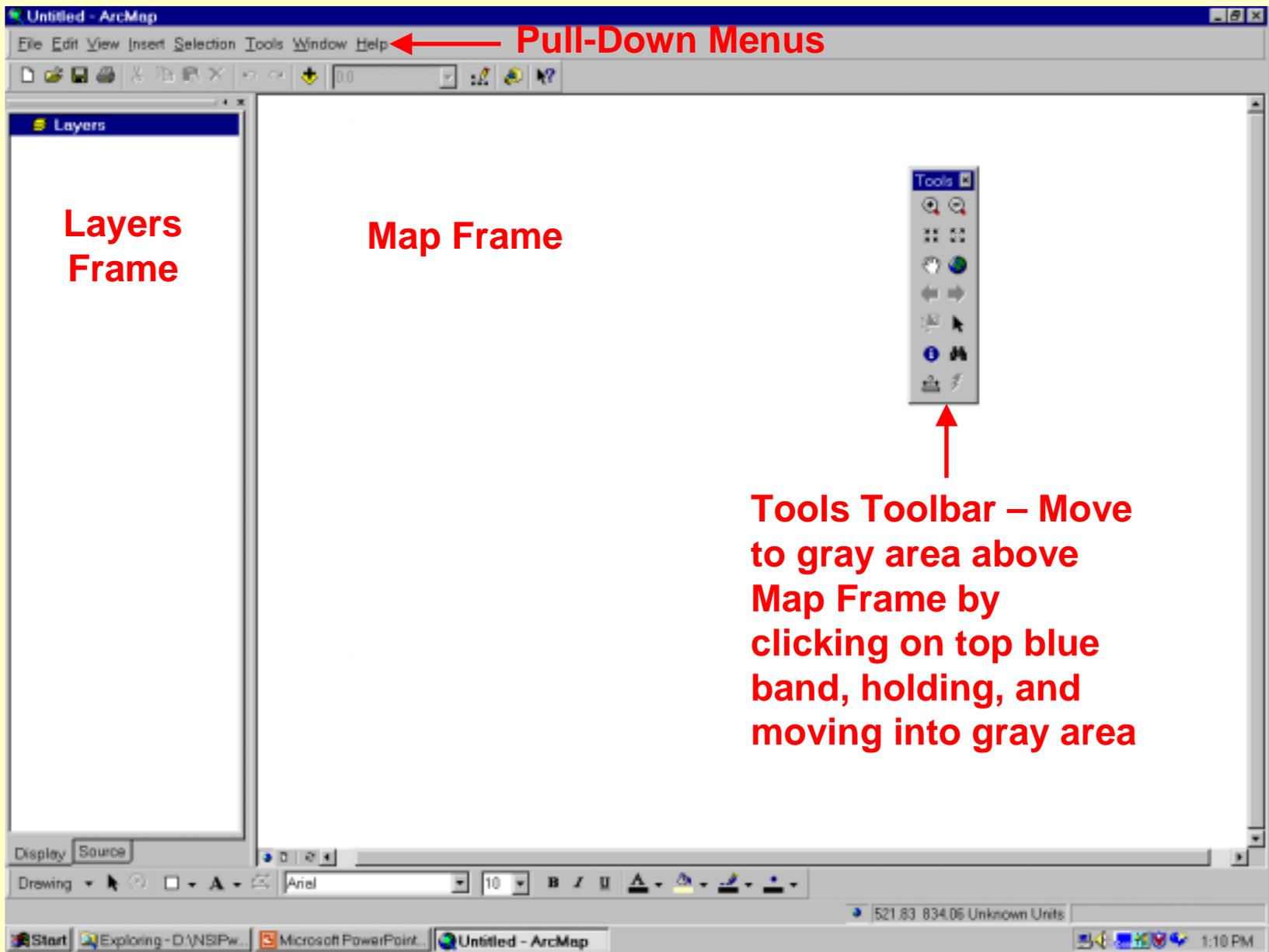
1. Click on the new directory you created in the folders frame
2. Click anywhere in the contents frame
3. From the Edit pull-down menu, click on Select All to highlight the files
4. With your cursor over any of the highlighted files, click your right mouse button

## In NT Explorer, cont'd

5. Select Properties from the menu that appears by clicking on it with your left mouse button
6. Left click on the check box beside Read Only to turn it off, click on Apply, then on OK

# Starting ArcMap

- Click on the Start button at the bottom left of your screen
- Select Programs, then ArcInfo, then ArcMap
- Initially, the screen will be split into a small Layers frame on the left and a large Map frame on the right



# Starting ArcMap, cont'd

- A Tools toolbar will be shown in the Map frame. You can move it to the gray area above the Map frame by grabbing the blue band at the top of the Tools box (hold down left mouse button) and moving it up out of the Map frame
- Holding your cursor over the items in the bar causes their definitions to be shown

# The Tools Toolbar



Zoom In – Changes the mapped area to a smaller area defined by holding the left mouse button down and moving the cursor to define a rectangle

# The Tools Toolbar, cont'd



Zoom Out – Changes the mapped area to a larger area defined by holding the left mouse button down and moving the cursor to define a rectangle

# The Tools Toolbar, cont'd



Fixed Zoom In – Changes the mapped area to a smaller area defined by software-defined fixed amount

# The Tools Toolbar, cont'd



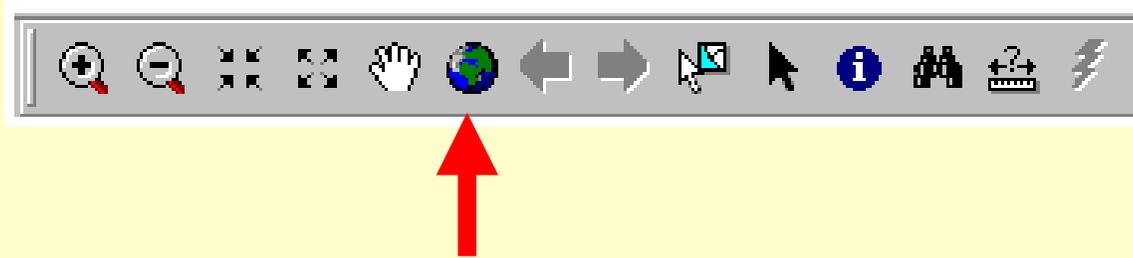
Fixed Zoom Out – Changes the mapped area to a larger area defined by software-defined fixed amount

# The Tools Toolbar, cont'd



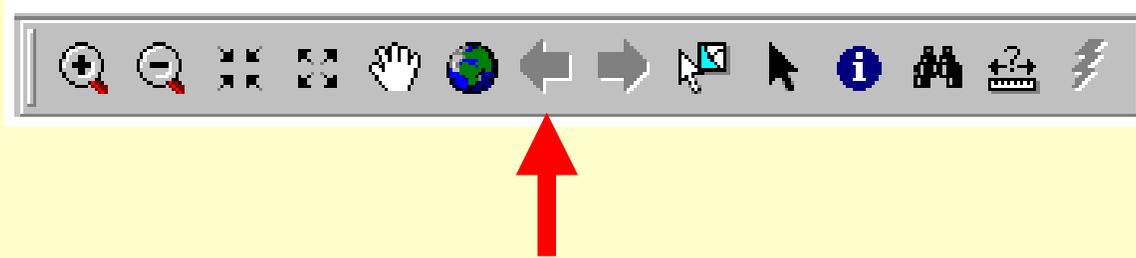
Pan – Changes the center of the mapped area by clicking and holding on a location on the map and moving your mouse

# The Tools Toolbar, cont'd



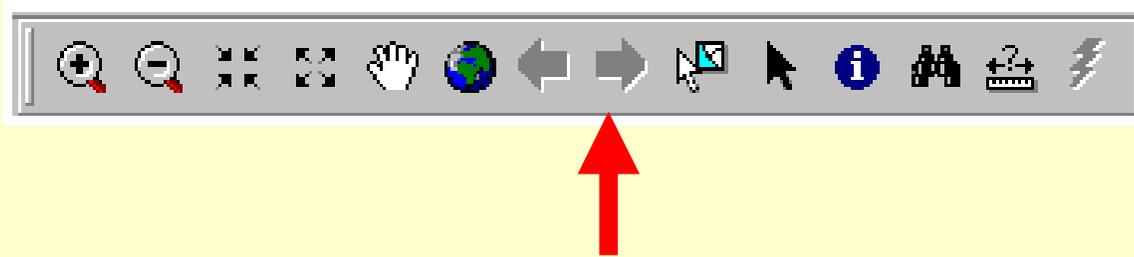
Full Extent – Shows the entire mapped area in the map frame

# The Tools Toolbar, cont'd



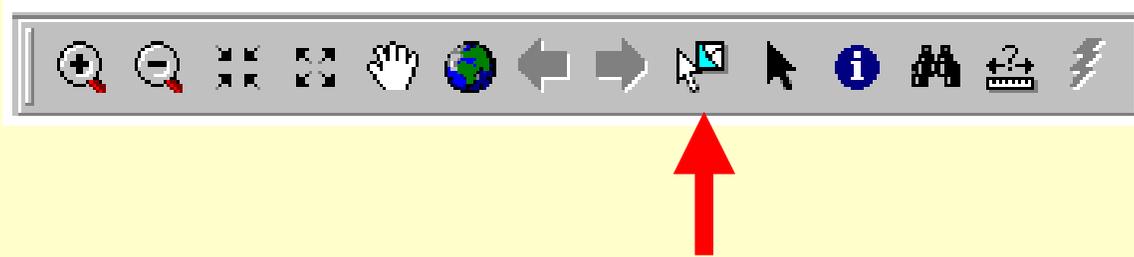
Go Back – Returns to the previous view

# The Tools Toolbar, cont'd



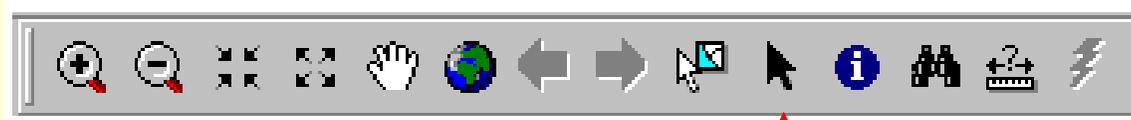
Go Forward – Goes to the next view

# The Tools Toolbar, cont'd



Select Feature – Selects a feature on the map for further analysis

# The Tools Toolbar, cont'd



Select Graphics – Lets you select graphics for editing, such as north arrows and scale bars

# The Tools Toolbar, cont'd



Identify Features – Provides tables of attributes for the features you select

# The Tools Toolbar, cont'd



Find Features – Finds geographic features based on the attributes you select

# The Tools Toolbar, cont'd



Measure Tool – Measures distances on the map

# The Tools Toolbar, cont'd



Hyperlink Tool – Triggers a hyperlink to a file or URL

# The Editor Toolbar



Editor Button – Activates a pull-down menu that allows you to start, stop, and save edits, as well as other actions that you likely will not use

# The Editor Toolbar, cont'd



Editor Tool – Allows you to select features for editing

# The Editor Toolbar, cont'd



Sketch Tool – Allows you to add points, lines, and polygons. You will use this feature to add new stations to the database when existing stations do not satisfy network goals.

# The Editor Toolbar, cont'd



Task Control – Sets the current editing task to be performed

# The Editor Toolbar, cont'd



Target Layer Control – Specifies the data layer in which to store new features

# The Editor Toolbar, cont'd



Split Tool – Divides one selected feature into two; not likely to be needed.

# The Editor Toolbar, cont'd



Rotate Tool – Rotates features by a user-defined angle; not likely to be needed.

# The Editor Toolbar, cont'd



Shared Edit Tool – Selects a common point or edge shared by two features for editing; not likely to be needed.

# The Editor Toolbar, cont'd



Attributes – Allows you to display and edit feature attributes

# The Editor Toolbar, cont'd



A B

C

Unless you need to add a new station, you will need to use only the Editor Button (A) to start, stop, and save edits, the Editor Tool (B) to select features, and the Attributes Button (C) to edit features

# TIP!

Left-click on the What's This button and then left-click on any other button or menu item to see a more detailed description of its purpose



# Select a Goal

- Open a goal in ArcMap by clicking on Open from the File menu
- Select the goal (ex. goal\_1.mxd) from the appropriate directory on your hard drive, then click on Open

# Define Data Sources

1. The Layers frame on the left of your screen shows the data layer names and symbols used in the analysis
2. A red exclamation mark will be shown initially beside the check box to the left of each data layer name
3. Click on the exclamation mark on the Active HCDN line to make the Data Source window appear

# Define Data Sources, cont'd

4. Select the nsip\_sites.mdb file you saved on your hard drive
5. Select the all\_sites\_g\_point file that appears next in the window
6. The exclamation points will disappear from the Layers frame for the first 7 data layers

# Define Data Sources, cont'd

7. Double-click on the exclamation point on the RF1 Streams layer to make the Data Source window appear
8. Select the rf1\_str.shp file your CD drive
9. The remaining exclamation points will disappear and a map will be drawn in the Map frame