

Types of maps

Two main purposes

- Storage of information
 - Elevation
 - Locations of significant features
- Analysis of information with a spatial component
 - Themes (in ArcGIS terminology)
 - Examples:
 - Population
 - Wetland loss
 - Vegetation

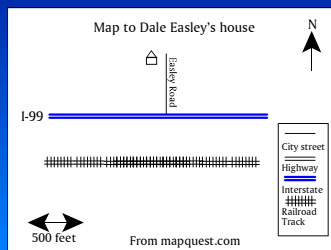
Mapping Basics

- Clarify your purpose
- Determine your audience
- Determine how the map will be presented
 - Printed on 8.5 x 11 in paper
 - Printed on roll printer
 - Powerpoint
- Determine the focus and use colors accordingly

Mapping Basics

Continued

- Most maps will include
 - A scale
 - A north arrow
 - A title
 - A legend
 - Data source



Introducing ArcGIS

Using the software

- Locate ArcGIS Desktop on your Start->Programs menu
- Start the application ArcMap
- From your book CD, find the dataset for exercise 3a:
 - Copy just the folder containing the data for chapter 3 onto your Y: drive. (We will do this together.)
 - From ArcMap, open ex03a.mxd.
 - Complete the tutorial on pages 19-29.