

**11.5. Integrating streams and vegetation data.** Develop a streams GIS database for the Daniel Pickett Forest in which each stream contains the data related to the vegetation polygon within which it is located. Using this data, develop a thematic map that illustrates one of the vegetation characteristics of the forest around each stream. In this exercise, change the appearance of the streams to illustrate the condition of the forest.

Final product:

Of course, the final map will depend on your creativity. There is no one correct final thematic map. The map should include, however, a legend, a scale bar, a North arrow, a title, and source information (see Chapter 4 for a review of these items). In addition, you may choose to utilize a neatline and other annotation in the thematic map.

If you feel you have a particularly good thematic map, send a .JPG file of it to Dr. Pete Bettinger (pbettinger@smokey.forestry.uga.edu). He will be the final arbiter of the perhaps numerous submissions, and post one or two of the better maps on the book's web site.