

Project 12: Prism Map/Video Fly-Through

Points: 50 Points

Task 1: Create a prism map using 3D symbology within a 3D scene. The height must represent a continuous variable. You can use color to represent the same or a different continuous variable. Color could also be used to show a nominal or categorical variable. Deliver the map in PDF format.

Rubric:

- ❖ The layout and map are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. (5 Points)
- ❖ The height ranges used describe the distribution of values well. (5 Points)
- ❖ The viewing angle shows the data well. (5 Points)
- ❖ An appropriate geographic extent is used based on the location and scale of the data. (5 Points)

Task 2: Create a photorealistic scene. Then, produce a video fly-through to visualize the model. Deliver it as a video file.

Rubric:

- ❖ The 3D objects in the model have been well symbolized. Heights are appropriate. The base imagery adds to the layout. (10 Points)
- ❖ The video motion is smooth and well-paced. (10 Points)
- ❖ Appropriate keyframes are used to move through the virtual space. (5 Points)