

Database Code: GI003

Title: 10 meter digital elevation model (DEM) clipped to the Andrews Experimental Forest, 1998

Abstract:

A Digital Elevation Model (DEM) is a digital data file containing an array of elevation information over a portion of the earth's surface. This array is developed using information extracted from digitized elevation contours from Primary Base Series (PBS) maps. FSTopo or PBS are 1:24,000 scale topographic maps. This dataset is a digital elevation model grid at a resolution of 10 meters by 10 meters. The data was originated from 1:24,000 scale topographic maps (primarily contours). The base data is in the form of an esri lattice file. Derived datasets include generated contours at 10, 25, and 50 meter intervals, degree slope, aspects, and a hillshade for topographic visualization.

Keywords: Topography; Digital Elevation Model (DEM); topography; digital elevation model;

Date data commenced: 1998-07-31

Date data terminated: 1998-07-31

Principal Investigator: Theresa J. Valentine

List of Entities:

1. Lattice grid generated from 10 meter DEM for the HJ Andrews Experimental Forest
2. 10 meter contour lines generated from 10 meter DEM for the HJ Andrews Experimental Forest
3. 25 Meter contour lines generated from 10 meter DEM for the HJ Andrews Experimental Forest
4. 50 Meter contour lines generated from 10 meter DEM for the HJ Andrews Experimental Forest
5. Slope grid generated from 10 meter DEM for the HJ Andrews Experimental Forest
6. Aspect grid generated from 10 meter DEM for the HJ Andrews Experimental Forest
7. Hillshade grid generated from 10 Meter DEM for the HJ Andrews Experimental Forest

1. Lattice grid generated from 10 meter DEM for the HJ Andrews Experimental Forest

Attribute List:

2. 10 meter contour lines generated from 10 meter DEM for the HJ Andrews Experimental Forest

Attribute List:

3. 25 Meter contour lines generated from 10 meter DEM for the HJ Andrews Experimental Forest

Attribute List:

4. 50 Meter contour lines generated from 10 meter DEM for the HJ Andrews Experimental Forest

Attribute List:

5. Slope grid generated from 10 meter DEM for the HJ Andrews Experimental Forest

Attribute List:

6. Aspect grid generated from 10 meter DEM for the HJ Andrews Experimental Forest

Attribute List:

7. Hillshade grid generated from 10 Meter DEM for the HJ Andrews Experimental Forest

Attribute List:

Attributes Definitions:

Enumerated Domains: