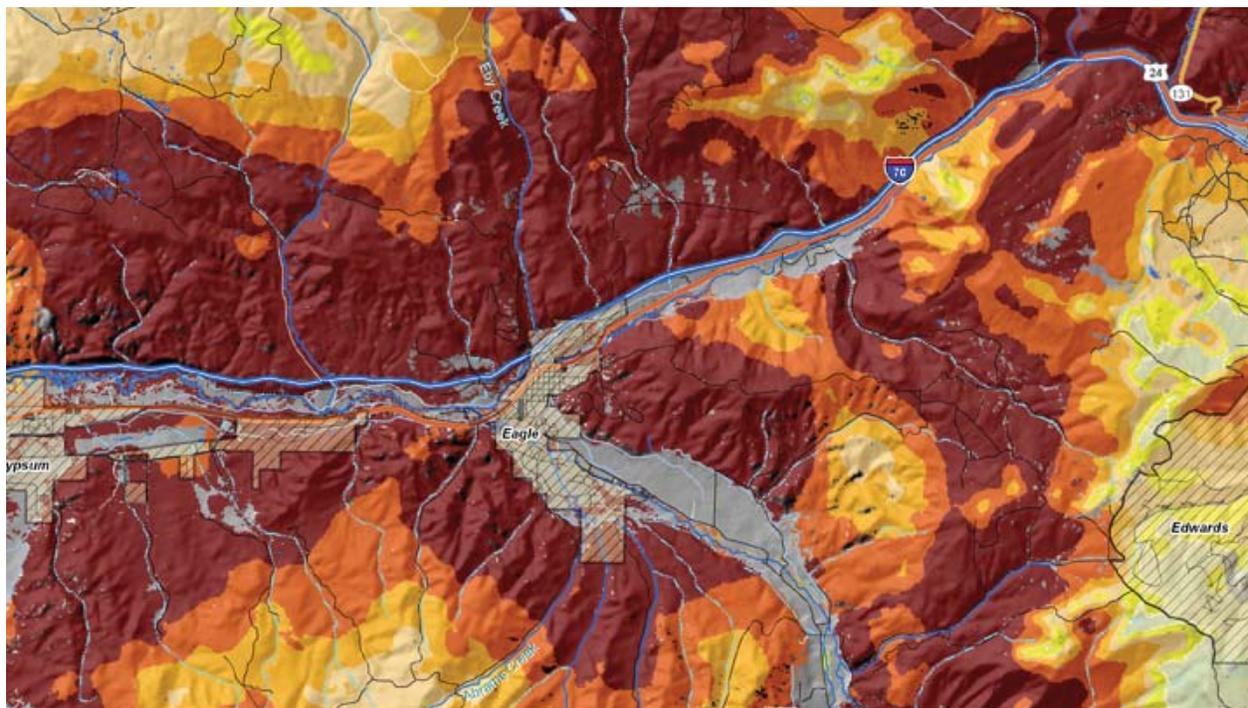# VBMP Forestry Products

VIRGINIA BASE MAPPING PROGRAM

Sanborn's Solutions Division has had a long relationship with the forestry and natural resource sector. Many of our analysts have advanced degrees in forestry and resource management. As a result, Sanborn can offer many solutions to this sector, including supporting the range of activities from imagery and LiDAR collection through to enterprise forest management systems (FMS).

Specific Forestry services that Sanborn can offer are:

- Statewide stratified inventory and ecosystem mapping
- Ecological system mapping (GAP level of detail) and regional map updates
- Forest stand delineation and mapping to forest types
- State forest stratified inventory
- Stand inventory
- Biomass and habitat mapping
- Field data collection using real-time inventory mapping
- Software development for data input, query, mapping and reporting
- Software development to support forest inventory business processes
- Inventory redesign and improvement using new technologies
- Growth and yield modeling
- Endangered species modeling

Wildfire Fuels Mapping

Sanborn is also a leader in wildfire fuels mapping for surface and canopy fuels and is the designer of the Wildfire Risk Assessment System that is currently being used by the southern U.S. states.

The sample above shows the I-70 Corridor from data for the recently completed western Colorado wildfire risk assessment. The primary output depicting Wildfire Threat (probability of a wildfire occurring) was derived by combining historical fire ignitions, weather observations, surface fuels, canopy characteristics, and other input data with robust fire science. Sanborn's wildfire risk models are actively employed in 14 states and provide the information necessary for decision makers to evaluate communities-at-risk, prevention efforts and mitigation activity planning.

About Sanborn

With a rich tradition of mapping dating back to 1866, Sanborn provides comprehensive end- to-end geospatial solutions. Sanborn offers products and services that satisfy diverse and evolving customer needs for GIS software systems, application development, systems integration, and spatial analysis and modeling. Leveraging precision remote sensing techniques, Sanborn also supports a wide range of applications and users. Sanborn's solutions are founded on a strong legacy of innovative geospatial data collection and processing capabilities. An internationally recognized company, Sanborn has multiple U.S. offices with customers worldwide.
For more information, visit
www.sanborn.com.