

# Timberline Community L1 Wildfire Assessment Firewise West Virginia Program Briefing

August, 2010



At the request of the West Virginia Division of Forestry, GIS 4 Schools assisted Hedgesville H.S. students analyze the risk of Wildfire in the ski community of Timberline in the Canaan Valley of West Virginia. Working in cooperation with West Virginia Division of Forestry Firewise West Virginia Program, 130 science students participated in the Firewise Project.

## Level 1 GIS Assessment with AtlasGDS

Query Dbf Label	
UTMX	639683
UTMY	4322844
L1	4
STREET	mountainside road
SECTION	mountainside
COMMUNITY	timberline

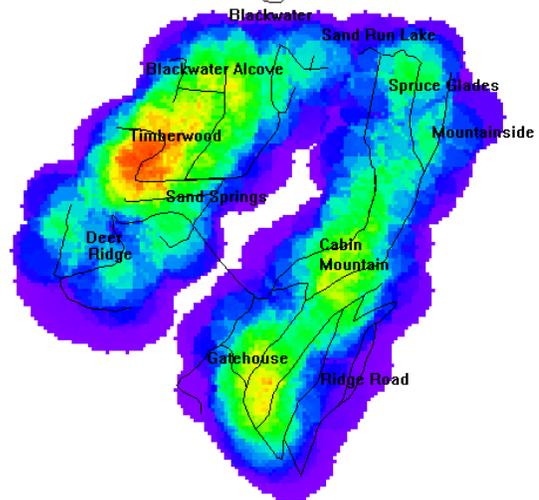


Students used the new PC/Internet based GIS system

to assess defensible space around homes in Timberline community in West Virginia. During this process they learned and used the GIS software with 2003 SAMB aerial photography derived from the Map West Virginia web server.



Each house is tagged with a location and rated for defensibility on a 1-5 scale where 1 is not forested and 5 is overtopped by trees on 2 or more sides. This rating is called a Level 1 Wildfire Risk Assessment and students at Hedgesville High School rated over 300 homes in the Timberline Community. The average rating was 4, high risk. Over the last three years students at HHS have completed over 2,000 Level Wildfire Risk assessments in five communities in West Virginia.



SCALE: 0 1 2 mi

