The MODIS sensor captured this image of Virginia on January 8, 2005. The top image is a true-color representation using red, blue, and green wavelengths from bands 1, 4, and 3 of the MODIS sensor. It is difficult to visually differentiate clouds from snow/ice because both appear white in a true-color representation. The bottom image is a false-color representation using two mid-infrared wavelengths and one blue wavelength from bands 3, 6, and 7 of the MODIS instrument. In this false-color image, clouds appear white in color and snow/ice appears red in color.

Map created by VirginiaView
November 5, 2006
http://www.VirginiaView.net/