Subject: True-Color Modis Image
Posted by David Fanning on Thu, 30 Jul 2009 19:07:37 GMT

Folks,

I am trying to create a true-color MODIS image of
the sort shown on this page:

   http://rapidfire.sci.gsfc.nasa.gov/subsets/?mosaic=Arctic

I have been using MODIS bands 1, 4, and 3 to represent
the R, G, and B components of a 24-bit image. But my
images don't look like those. In fact, they look almost
like a gray-scale image. :-(

Am I missing some "mixing" algorithm that combines
these three channels in some other way? Anyone have
any insight into this? I am using MOD02 files and
just scaling each band with BytScl after I regrid
the data to my particular grid. (I've tried creating
the 24-bit image and *then* byte scaling, with nearly
identical results.)

Thanks,

David

--
David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")