

# McIDAS-V

## Data analysis and visualization for NPP/JPSS



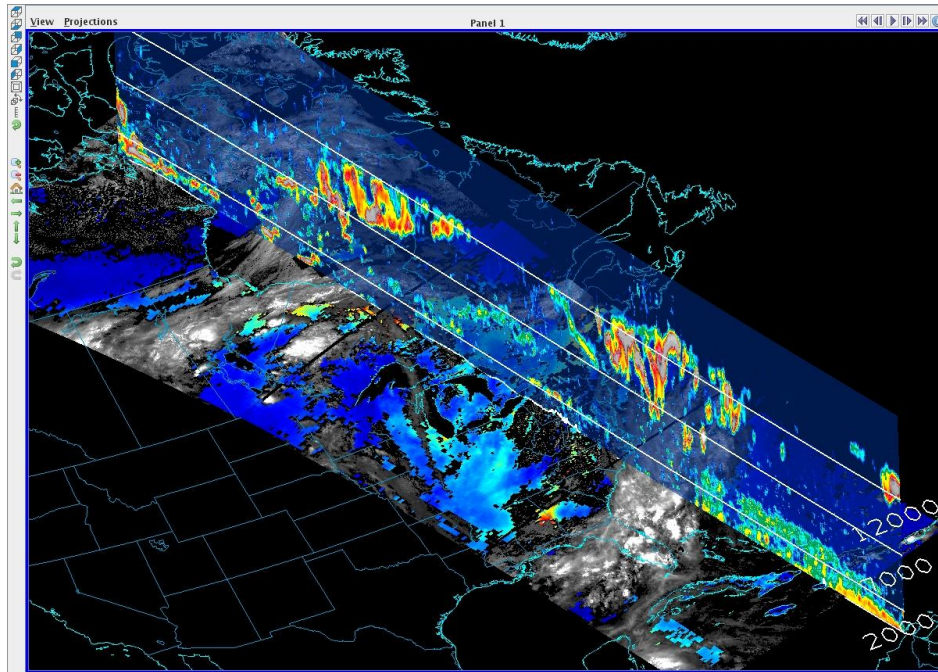
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# McV from 10,000 feet

- Scientific data visualization and analysis
- Free, open source
- Great tutorials
- Great support (Forums, MUG)



# Under the hood



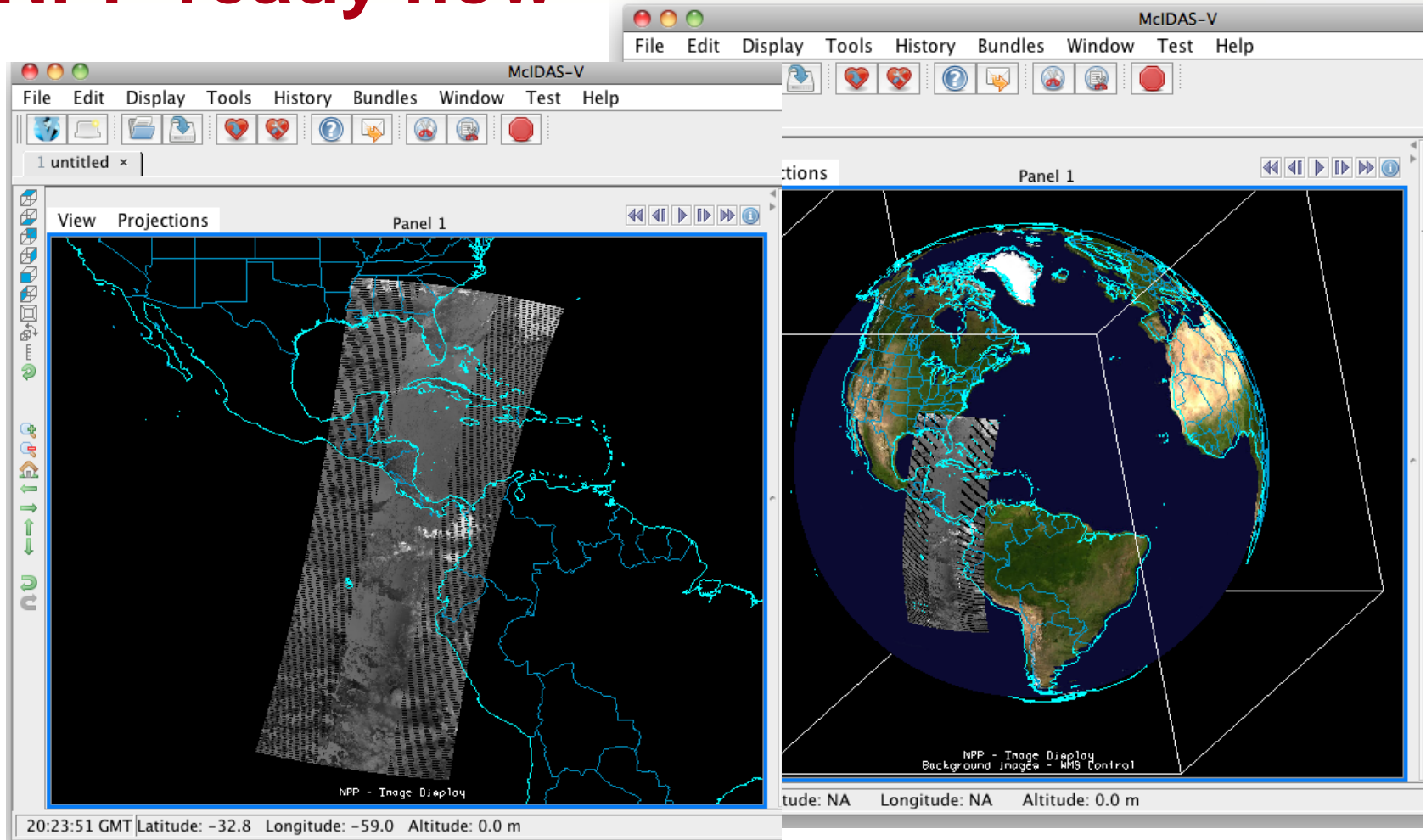
VisAD



# Versatility

- **Wide variety of geophysical data**
- **Easy access to local or remote data**
- **3D visualization, easy of re-projection**
- **Powerful analysis tools**
- **Extensible to new data sources**

# NPP-ready now

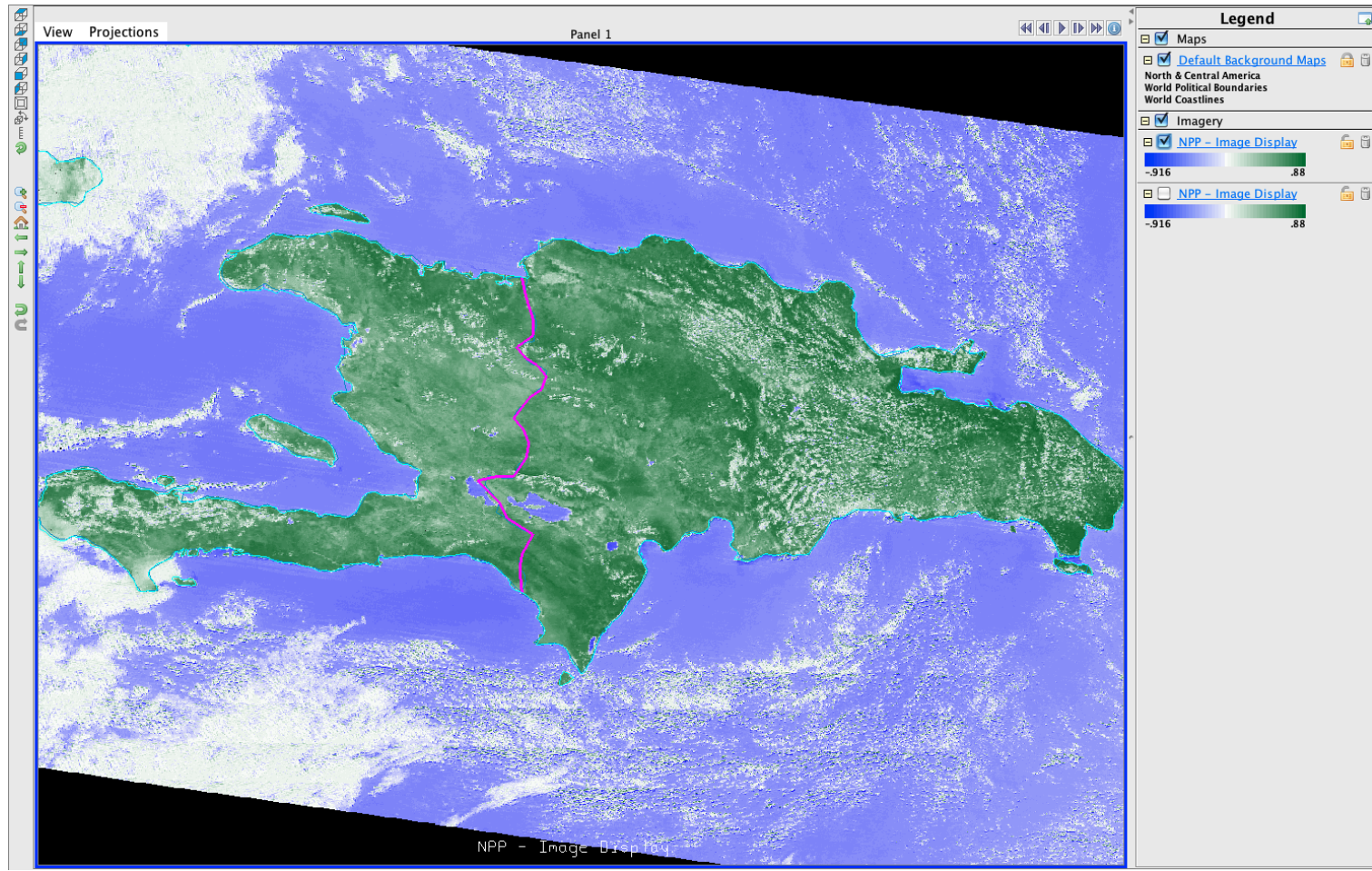


TBD



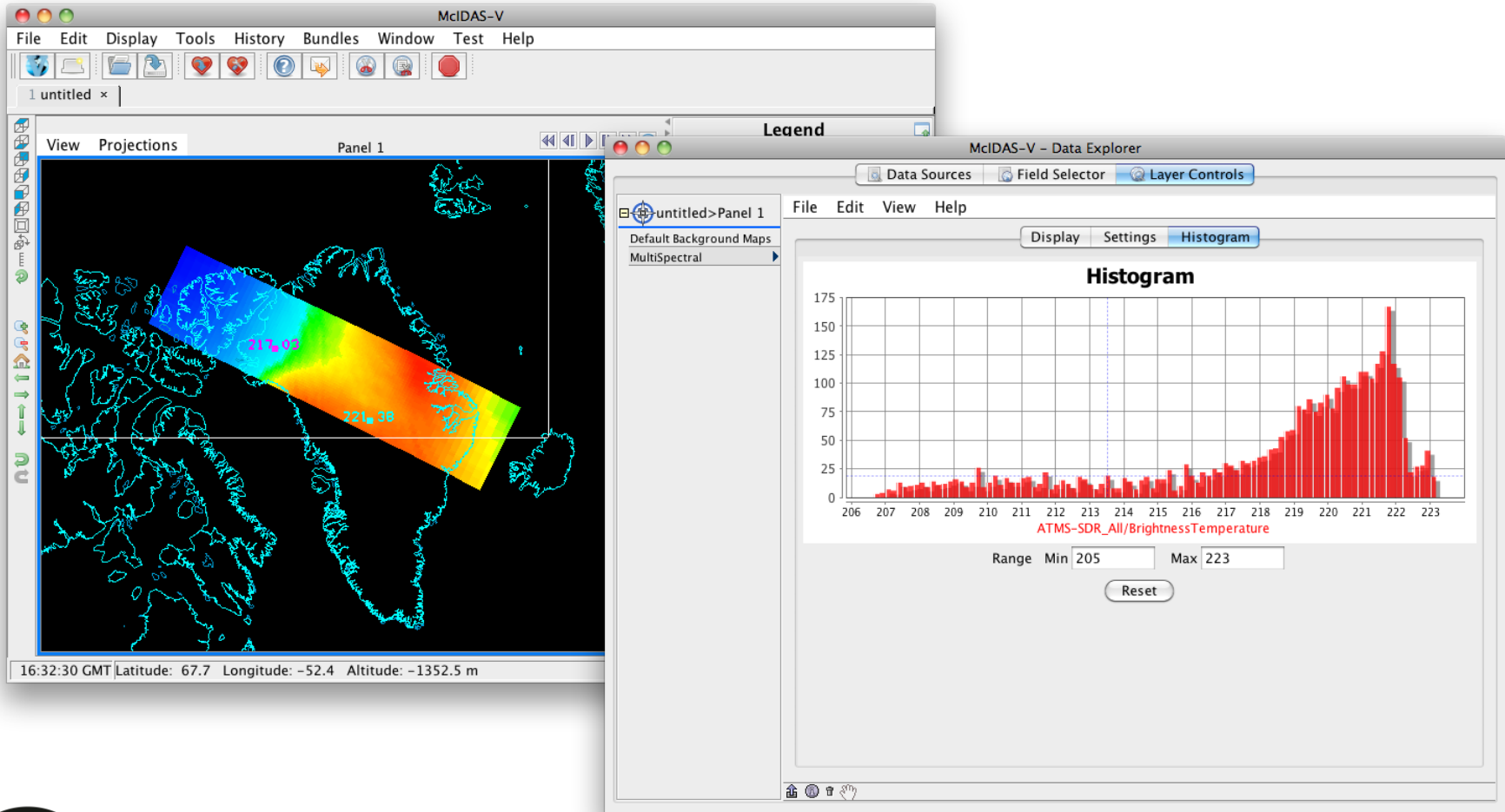


# VIIRS



NDVI over Hispaniola, formula  $I2-I1 / I2+I1$

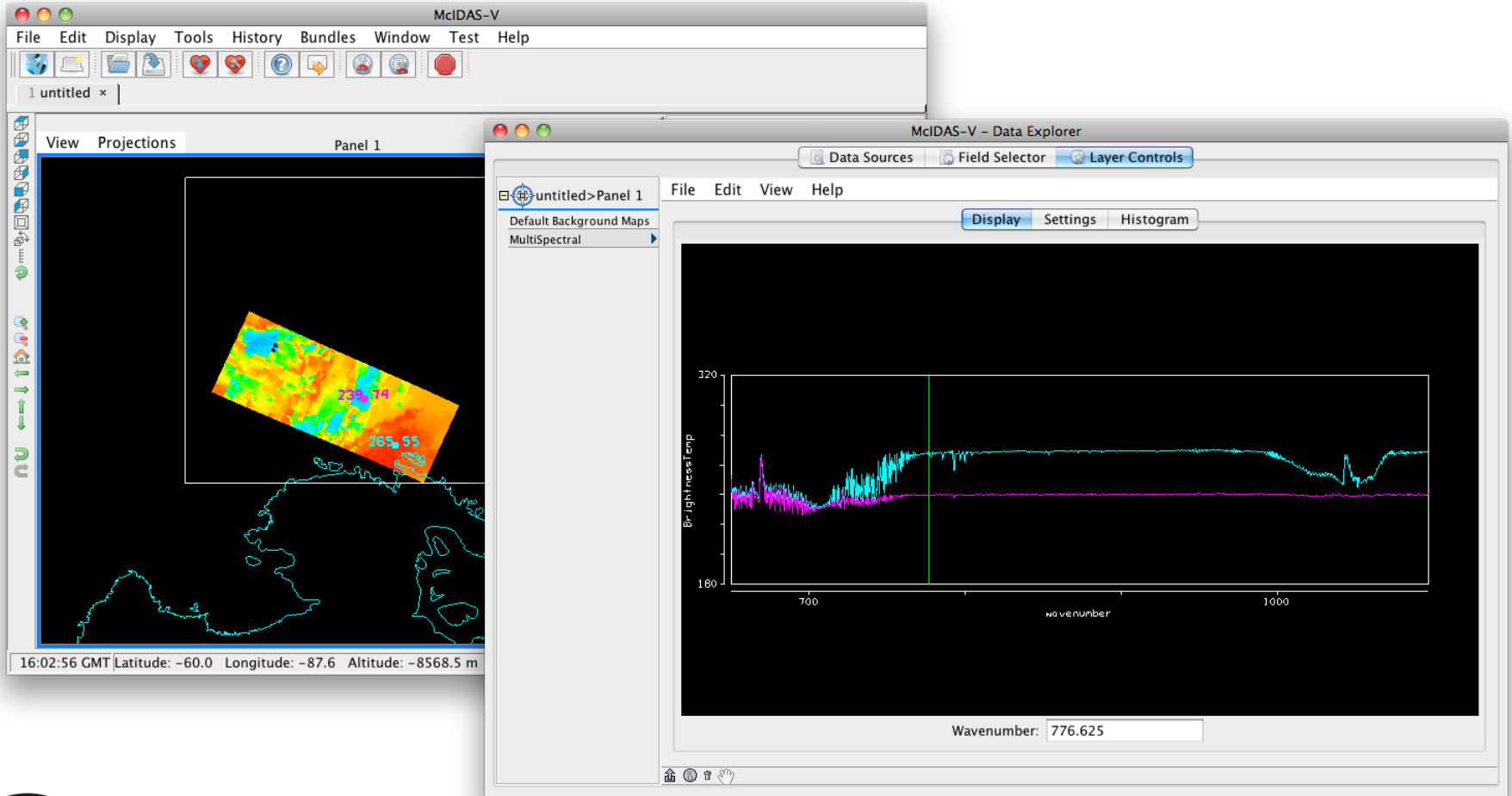
# ATMS



Three ATMS granules over Greenland

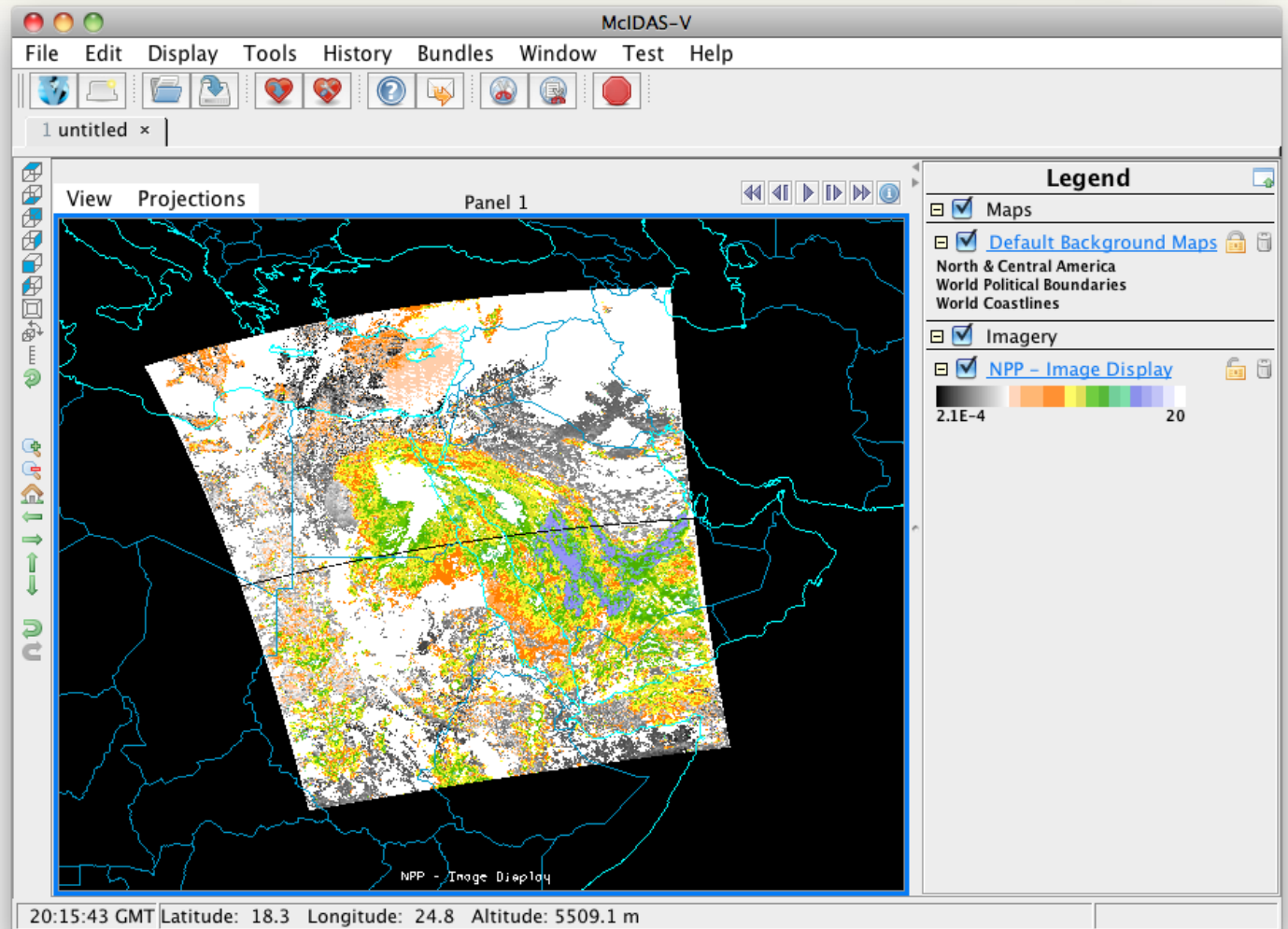


# CrIS



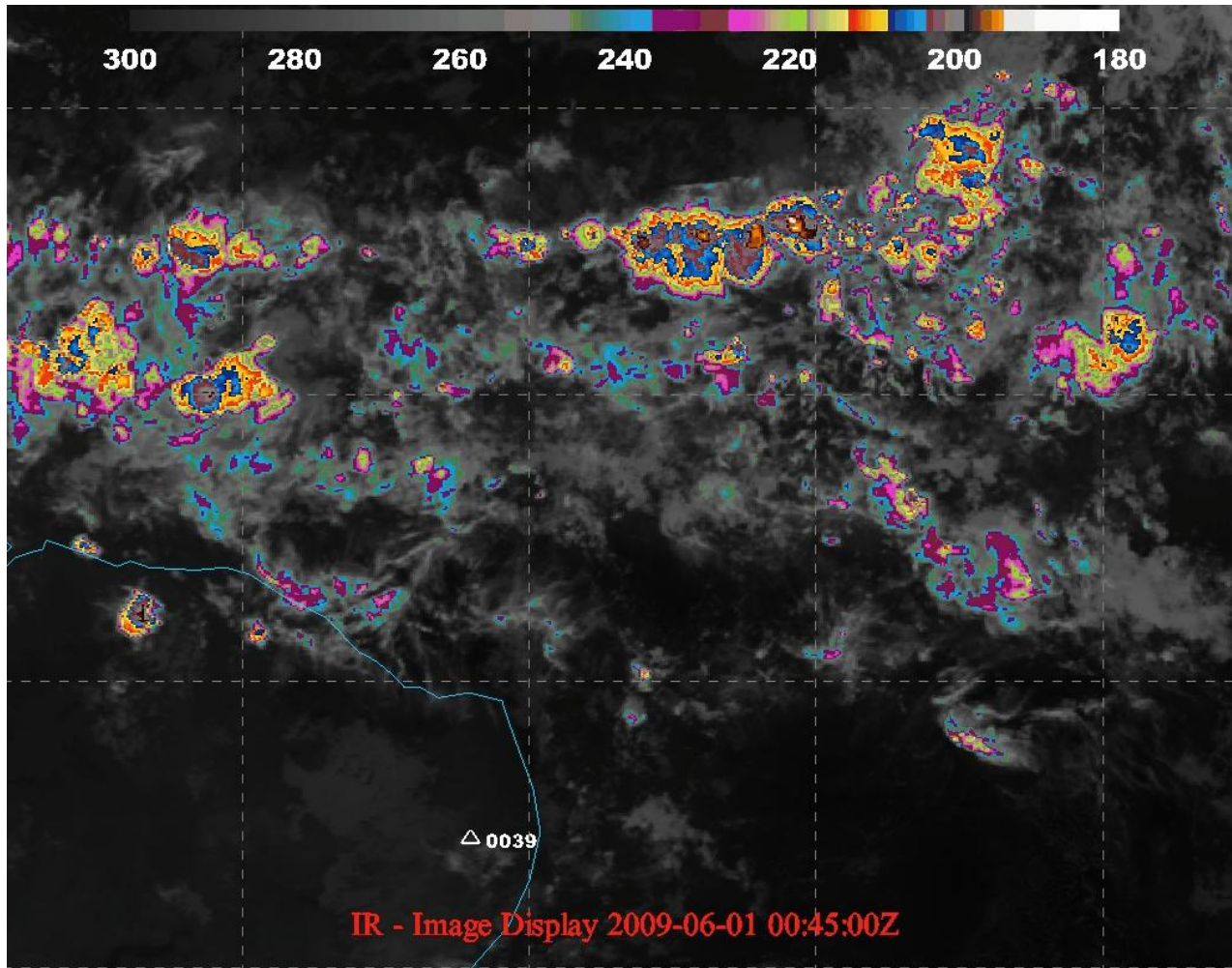


# EDRs

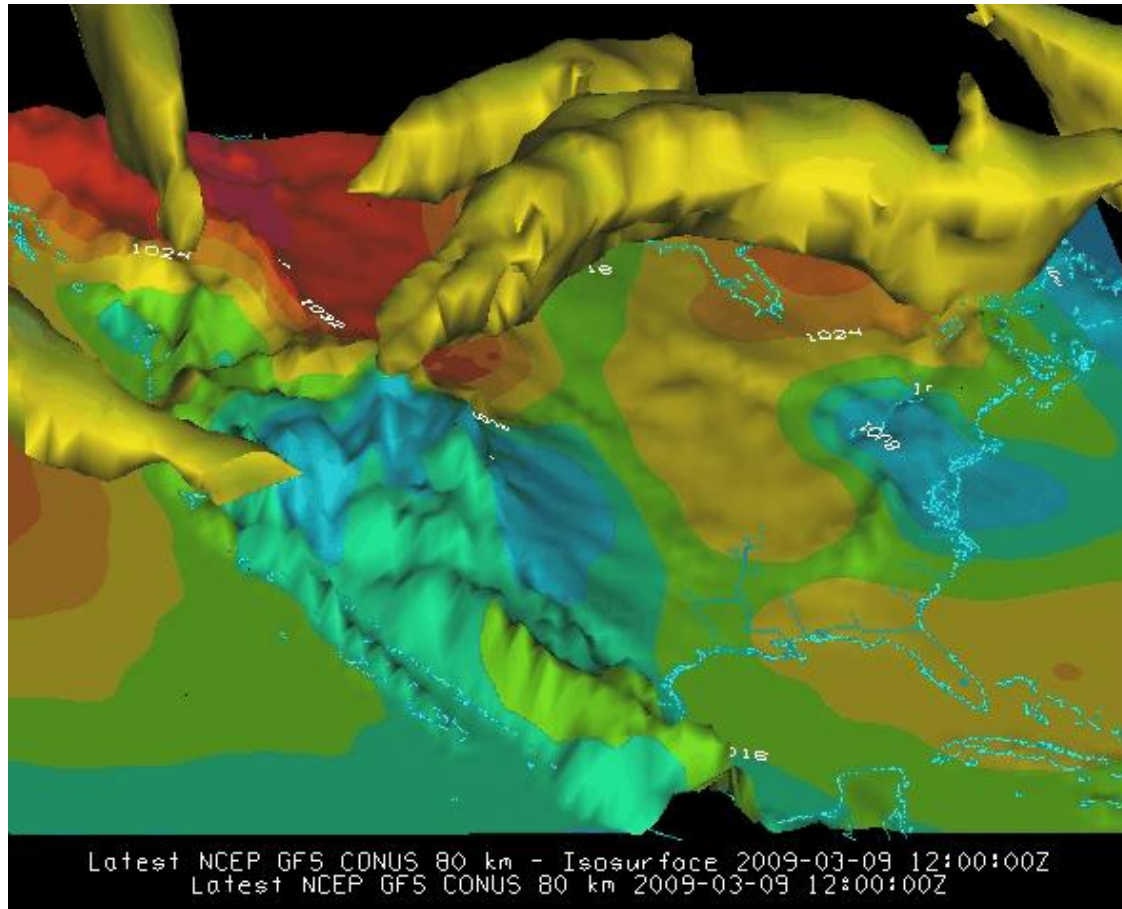


## Average Cloud Top Height Product

# McIDAS-V capabilities – simple 2D



# To more sophisticated 3D and 4D



**Give it a try:**

**<http://www.ssec.wisc.edu/mcidas/software/v/>**

**Easier: Google “Mcidas-V”**

