

Integrated Data Viewer (IDV) for RICO

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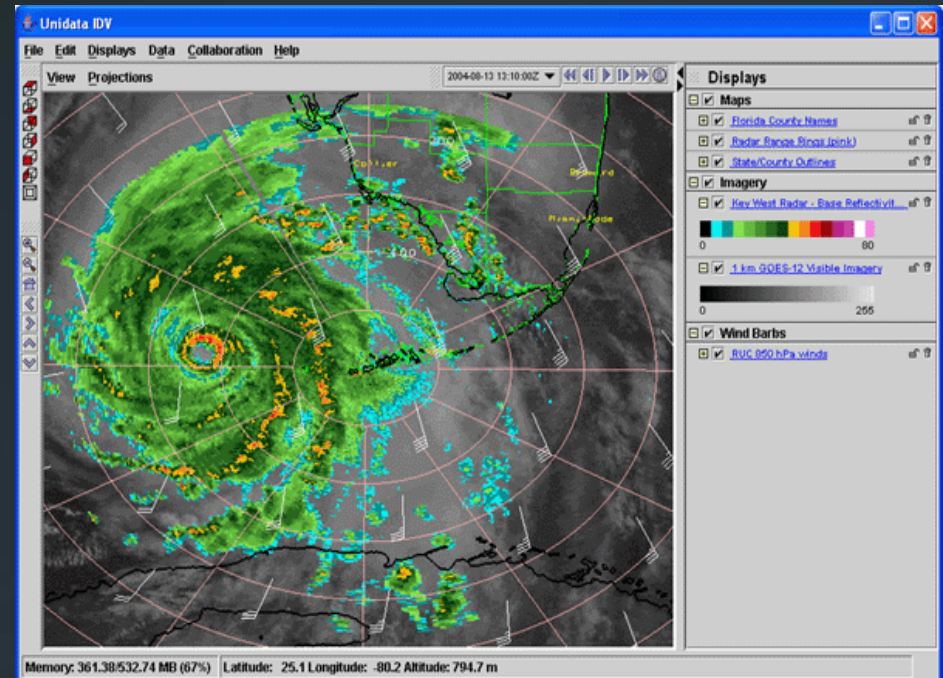
UCAR/Unidata



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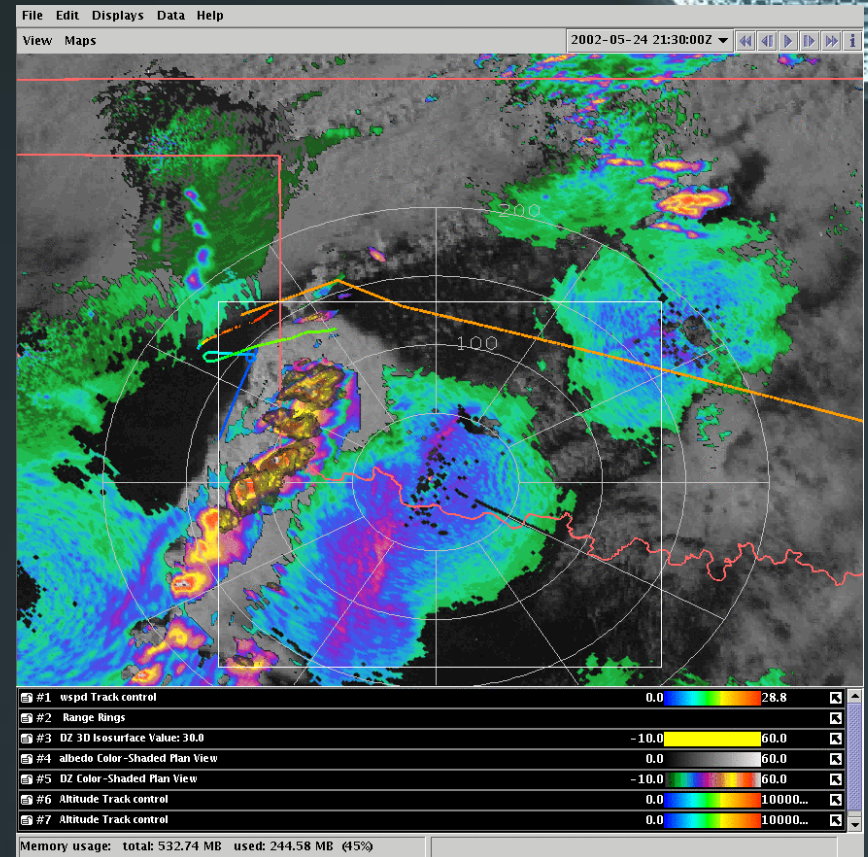
What is the IDV?

- Unidata's newest scientific analysis and visualization tool
- Freely available Java™ framework and reference application
- Provides 2- and 3-D displays of geoscientific data



IDV Features

- 2- and 3-D displays
- Integrated displays of a variety of data types
- Access to data on local disk and remote servers
- Suite of data probes for interactive exploration (slice and dice)
- Animations (temporal and spatial)
- HTML interface for pedagogic materials
- XML configuration and bundling allows collaboration with other educators
- Auto-update through Web Start



IDV for RICO



- Customized version of IDV for RICO
- Use by researchers and graduate students for operations and post analysis
- Week-long IDV field phase
- New development
 - Support for 3D displays/readouts of sounding and aircraft data
 - Support for S-POL radar streams
 - New functionality defined by students/PIs

Next Steps

- Identify PIs and graduate students who will use the IDV
- Start discussions on needed functionality
- Students design projects/seminars around the IDV