

Status of the NOAA GSICS Data Server Node

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The Goal

- Store and distribute GSICS-related data produced by NOAA or any other partner organization
- Host services that enhance collaboration among GSICS researchers

Data Storage and Distribution

- 2 terabytes RAID-5 storage capacity
- THREDDS
- Anonymous FTP download
- OPeNDAP
- Netcdf-Java data viewer

Collaboration Services

- GSICS wiki (engine: [TWiki](#))
 - Registration required to create/change wiki pages
 - [WYSIWYG](#) editor for creating simpler wiki content
 - LaTeX syntax for mathematical equations
- Software code repository
 - Not implemented yet
 - Likely to use Subversion
 - Usage model unclear

Readiness Status

- Twiki server installed, configured, and being tested; some more work needed re LaTeX math equations rendering
- THREDDS installed, configured, and tested
- The computer undergoing NOAA IT security checks
- Expected to be available no later than the end of November

Next Steps

- Identify GSICS data types (collocation, vicarious calibration, etc.)
- File naming scheme for all data types
- Unified directory structure for all data server nodes
- Mirror data between nodes?