

Gibson Ridge (GR) Software

Supplemental information for AMS Student Conference 2017

Gibson Ridge Products (Windows XP or higher required!):

- **GREarth** – Worldwide weather data visualization
 - Surface observations
 - Satellite and radar
 - Model and analysis fields
 - Integration of NWS, SPC products, webpages, and other GR software
- **GRLevel3** – Level-III (post-processed) radar data visualization
 - Ref., Vel., SW., dual-polarization, and derived products
 - Local storm reports and warnings
- **GR2Analyst** – High resolution Level-II radar data visualization
 - Ref., Vel., SW., dual-polarization, and derived products
 - Local storm reports and warnings
 - Vertical cross-sections
 - Volume scans

All three programs can be downloaded directly from www.grlevelx.com

GREarth requires a setup installation, followed by a data feed subscription (\$180/year or \$15/month from AllisonHouse): www.grearth.co

-The [GREarth User Guide](#) will guide you through installation, data polling, and how to view each data type.

GRLevel3 is free for 21 days after installation, after which it is a one-time cost of \$79.95. Under File → Configure Polling, you can FTP Level-III radar directly from the NWS server.

-The [GRLevel3 User Guide](#) will explain how the program's interface works, and how to change and interpret data types.

GR2Analyst also comes with a 21-day free trial, after which a license costs \$250.00.

For live Level-II radar data, under File → Configure Polling, you can enter a URL from which live Level-II radar data is accessed. One such link is:

<http://mesonet-nexrad.agron.iastate.edu/level2/raw/>

For archived data, you can order Level-II data directly from NCEI:

<https://www.ncdc.noaa.gov/nexradinv/>

For more information on GR2Analyst, see:

http://www.grlevelx.com/gr2analyst_2/

Note that there are [forums for registered owners](#) online at [grlevelx.com](http://www.grlevelx.com)!