**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](http://www.grlevelx.com)

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

 -The [GREarth User Guide](http://www.grlevelx.com/manuals/grearth/index.htm) 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](http://www.grlevelx.com/manuals/grlevel3_2/index.htm) 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*](http://www.grlevelx.com/owners/) *online at grlevelx.com!*