

ARM Thumbnail Browser – A new way to browse and order ARM data files

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- A new browser has been developed by ARM (Atmospheric Radiation Measurement) Archive operations to facilitate the browsing and selection of ARM archive data.
- The Thumbnail Browser user interface provides users with a graphical view of the ARM data files before they request them or download them for additional use.

➤ The interface provides the user with various strategies (novice, power and catalog interfaces) to specify general criteria for “data of interest”. Users are shown thumbnail views of graphs containing many of the primary measurements from ARM data streams.

➤ From the thumbnail view, users can directly access larger-scale data plots called “quick looks”, review Data Quality Reports, or select data files to be requested for retrieval and download



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The thumbnail view includes many options for customizing the display within two thematic arrangements: “date range” and “day at a time.” One arrangement allows the user to quickly see consecutive time ranges or days in a sequence while the other allows the user to control arrangement of thumbnails for a single day. From the thumbnail view, users can directly access larger-scale data plots called “quick looks”, review Data Quality Reports, or select data files to be requested for retrieval and download. Graphical check boxes allow users to request data files by day, by multiple days, or by data stream. The selected thumbnail arrangements can also be saved for future reference or emailed as a link to other users. The thumbnail user interface can be accessed at:
<http://www.archive.arm.gov/cgi-bin/arm-archive?rmode=tnb>