### Navigating the ARM Archive Data Discovery Interface

#### **Using Welcome Page Categories**



The **Welcome page** of the ARM Data Discovery Interface gives a high-level categorical overview of ARM data. Hovering over a category shows subcategories that can be selected to start data discovery. Here, **Longwave Broadband** will be selected.

#### j

re remote sensing used to measure the perties (horizontal and ons) of clouds, and the operties (sizes, shapes, and ice]) of the particles that ids.

#### **Radiometric**

Radiometric measurements provide data on the propagation of electromagnetic energy through the atmosphere. These types of measurements represent the majority of ARM data, and are obtained using various types of active (such as radar and lidar) and passive (such as broadband radiometers and spectral sensors) sensors.

#### LONGWAVE BROADBAND

Measurements of diffuse, direct, or net severd/downward radiant energy within broadband, infrared wavelengths longer

### Navigating the ARM Archive Data Discovery Interface Using Welcome Page Categories

| ARM D                                                                                         | ATA DISCOVERY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0 e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NERGY Office of Science                     |                            |
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| CLIMATE RESEARCH FACILITY                                                                     | arch for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (Start date) 🗰                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (End date) 🗰 GO                             | // RESET //                |
| <del>d</del> i                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Q                                           |                            |
| CATEGORIES 3                                                                                  | Soarch Poculto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                            |
| Radiometric       1,273         Cloud Properties       169         Atmospheric State       68 | To search for and request data, select a category,<br>limit the data results timeline. Use the checkboxes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | measurement, site, or source. Use the Start<br>below to add (or remove) a data product to t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Date and End Date below to<br>he Data Cart. | DATA CART »                |
| CLEAR » APPLY »                                                                               | DATA GENERALLY AVAILABLE DATA NOTE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | QUESTIONABLE DATA UNRELIABLE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MISSING                                     |                            |
| • SUBCATEGORIES 12                                                                            | Q < C 1989-03-29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | « Applies to this time <b>lin</b> e view only,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sort by:                                    | Priority -                 |
| Radiometric -> longwave broadband 1,273                                                       | K ← Showing 1-20 of 1,273 measurements ▶                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             | Page Size: 20 👻            |
| Radiometric >> snortwave broadband 211                                                        | 1990 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2005                                        | 2010                       |
| Cloud Properties >> macrophysical 167                                                         | G an acraditions M1 s2 // SURFACE RADI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Des alles al                                |                            |
| CLEAR » APPLY »                                                                               | Constraint of the second | displays the Search F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Results page,                               |                            |
| MEASUREMENTS 19                                                                               | 3 twp qcrad1long C1 .s2 // SURFACE RAE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | which shows the numers which shows the numers which shows the numers which we have a substant shows the numers which shows the numers whi | mber of <b>273</b> ) for that               | CONFIGURABLE LIMITS        |
| Longwave broadband downwelling 532                                                            | Compare broadband downwelling irra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | subcategory. The us                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | er can begin to                             |                            |
| Longwave broadband upwelling 394 -<br>irradiance                                              | S twp qcrad1long C2 .s2 // SURFACE RAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | explore and narrow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | the results by                              | CONFIGURABLE LIMITS        |
| Longwave broadband brightness 67<br>temperature                                               | 1 Longwave broadband downwelling irra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | using the date displ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ay range (only<br>d/or using the            |                            |
| Longwave broadband net 64<br>irradiance                                                       | 🕄 🔲 nsa qcrad1long C1 .s2 // SURFACE RAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | search filters on the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | left                                        | CONFIGURABLE LIMITS        |
| Net broadband total irradiance 54                                                             | I Longwave broadband downwelling irra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                            |
| ● SITES 16                                                                                    | 🕄 🔲 sgp qcrad1long E9 .s2 // SURFACE RADIAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ION MEASUREMENT QUALITY CONTROL TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ING, INCLUDING CLIMAI OLOGI                 | CALLY CONFIGURABLE LIMITS  |
| Southern Great Plains 701                                                                     | I - 1 Longwave broadband downwelling irradia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | nce // Downwelling Longwave Hemisperic Irra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | adiance                                     |                            |
| Tropical Western Pacific 224                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                            |
| North Slope Alaska     106     Point Reves CA. USA: Mobile Eacility 30                        | sgp qcrad1long E11 .s2 // SURFACE RADIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | STING, INCLUDING CLIMATOLO                  | GICALLY CONFIGURABLE LIMIT |

### Navigating the ARM Archive Data Discovery Interface

#### **Keyword Search**

| CLIMATE RESEARCH FACILITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A DISCOVERY                                                                                                                                                                                                                                                                                                         | 2012-12-01 🗰 2012-12-13 🗰 5.0                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                     | Q                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Welcome<br>ARM's Data Discovery browser features pre-selected<br>help you find atmospheric and climate data faster. If<br>access to data quality reports and data plots, which f<br>displays of data availability and quality.<br>Showcase Data >><br>Modeling Best Estimate data products are<br>ARM datastreams specifically tailored to<br>climate modelers for use in the evaluation of<br>global climate models. They contain a best<br>estimate of several cloud, radiation, and<br>atmospheric quantities. | The search bar allows<br>users to search using<br>a keyword as well as<br>a date range, if<br>known.                                                                                                                                                                                                                | gories from the boxes below or enter a<br>Any keyword combination including<br>ch as AND/OR, +, -, or quotes are<br>mospheric State<br>surface-based and airborne instruments<br>measure the thermal, moisture, and kinetic<br>properties of the atmospheric (horizontal<br>and vertical distributions) and the<br>atmospheric concentrations of certain<br>radiatively active trace gases (e.g., Co <sub>2</sub> and |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                     | O <sub>2</sub> ).                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Cloud Properties</b><br>Active and passive remote sensing<br>instruments are used to measure the<br>macroscopic properties (horizontal and<br>vertical distributions) of clouds, and the<br>microphysical properties (sizes, shapes, and<br>phases [water or ice]) of the particles that<br>comprise the clouds. | Radiometric<br>Radiometric measurements provide data on<br>the propagation of electromagnetic energy<br>through the atmosphere. These types of<br>measurements represent the majority of<br>ARM data, and are obtained using various<br>types of active (such as radar and lidar) and<br>passive (such as broadband radiometers<br>and spectral sensors) sensors.                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Properties<br>Measurements obtained at, near, or beneath<br>(< 2 m) the earth's surface determine<br>properties including soil temperature and<br>moisture content; surface reflectivity; and<br>fluxes of momentum. sensible/latent heat.                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                       |

#### Navigating the ARM Archive Data Discovery Interface Keyword Search

| CLIMATE RESEARCH FACILITY                                                                                              | DATA DISCOVERY<br>brightness temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | U.S. DEPARTMENT OF<br>ENERGY         Office of<br>Science           2012-12-01         2012-12-13         GO         // RESET //      |
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|                                                                                                                        | 🔂 📃 🦕                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Q                                                                                                                                     |
| <ul> <li>CATEGORIES</li> <li>Radiometric</li> </ul>                                                                    | I         Search Results           201         To search for and request data, select a category, measurement limit the data results timeline. Use the checkboxes below to address the select to a category and to a category and the select to                            | nt, site, or source. Use the Start Date and End Date below to<br>d (or remove) a data product to the Data Cart.                       |
| MEASUREMENTS                                                                                                           | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DATA CART »                                                                                                                           |
| Longwave spectral brightness<br>temperature                                                                            | 64 DATA GENERALLY AVAILABLE DATA NOTE DATA QUESTIONA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BLE DATA UNRELIABLE DATA MISSING                                                                                                      |
| Longwave broadband brightness<br>temperature                                                                           | 36 E C 2012-12:01 m 2010 10 13 m 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sort by: Priority                                                                                                                     |
| irradiance                                                                                                             | December 2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | The knyword results are displayed on                                                                                                  |
| Microwave narrowband brightness<br>temperature                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | the <b>Search Results</b> page.                                                                                                       |
| Shortwave broadband total<br>downwelling irradiance                                                                    | 18 Insa skyrad60s C1 .b1 // INFRARED THERMOMETER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                       |
| <ul> <li>SITES</li> <li>Tropical Western Pacific</li> <li>Southern Great Plains</li> <li>North Slope Alaska</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul> <li>Colors on timelines of individual<br/>measurements indicate data<br/>status (see key at top of results<br/>area).</li> </ul> |
| Cape Cod, MA, USA; Mobile Facility                                                                                     | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | • The magnify icons to the left of                                                                                                    |
| SOURCES                                                                                                                | 9 Stwp skyrad60s C1 .b1 // INFRARED THERMOMETER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | the start/end date hoxes enable                                                                                                       |
| Sky Radiometers on Stand for                                                                                           | 74  S - 3 Shortwave broadband total downwelling irradiance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | zooming in/out on timeline view.                                                                                                      |
| Atmospheric Emitted Radiance                                                                                           | 64 E twp skyrad60s C3 .b1 // INFRARED THERMOMETER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | • The calendar timeline at the top of                                                                                                 |
| Interferometer AERI                                                                                                    | <ul> <li>36</li> <li>- 3 Shortwave broadband total downwelling irradiance.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | the results display, in addition to                                                                                                   |
| <ul> <li>Microwave Radiometer мwк</li> <li>G-Band Vapor Radiometer<br/>Precipitable Water Vapor Gvкрwv</li> </ul>      | 13       Image: Second state sta | any measurement timeline, can be dragged left or right (                                                                              |
| G-band (183 GHz) Vapor Radiometer                                                                                      | <ul> <li>4 </li> <li>6 </li> <li>A incrowave narrowband brightness temperature // 183.3</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                       |

#### Navigating the ARM Archive Data Discovery Interface Keyword Search

| CLIMATE RESEARCH FACILITY                                                                                                                                                                                                                                                                                                                                                     | DATA DISCOVERY<br>brightness temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (Start date) (End date) GO // RESET //                                                                                                                                                                                                                                                                  |
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|                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Q                                                                                                                                                                                                                                                                                                       |
| <ul> <li>CATEGORIES</li> <li>Radiometric</li> <li>Cloud Properties</li> </ul>                                                                                                                                                                                                                                                                                                 | 2<br>Search Results<br>To search for and request data, select a category, measurement, site,<br>limit the data results timeline. Use the checkboxes below to add (or re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | , or source. Use the Start Date and End Date below to<br>emove) a data product to the Data Cart.                                                                                                                                                                                                        |
| <ul> <li>MEASUREMENTS</li> <li>Longwave spectral brightness<br/>temperature</li> <li>Longwave broadband downwellin<br/>irradiance</li> </ul>                                                                                                                                                                                                                                  | 9<br>DATA GENERALLY AVAILABLE DATA NOTE DATA QUESTIONABLE D<br>333 ▲ Q C 2002-05-26 	 2009-05-20 	 Applies to this time<br>If ♥ Showing 1-20 of 920 measurements 	 H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DATA UNRELIABLE DATA MISSING<br>neline view only. Sort by: Priority<br>Page Size: 20                                                                                                                                                                                                                    |
| <ul> <li>Microwave narrowband brightness temperature</li> <li>Shortwave broadband tot downwelling irradiance</li> <li>Longwave broadband brightness temperature</li> <li>SITES</li> <li>Southern Great Plains</li> <li>Tropical Western Pacific</li> <li>North Slope Alaska</li> <li>Data 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,</li></ul>                                   | 55       135       2003       2004       2005         astream >> skyrad60s       .b1 // INFRARED THERMOMETER: SKY BRIGHTNESS       .b1 // INFRARED THERMOMETER: SKY BRIG         cal Western Pacific // Central Facility, Manus G       .b1 // INFRARED THERMOMETER: SKY BRIG         dband total downwelling irradiance // Irradiance // Irradiance // Irradiance // Infradiance // Infradiance // Dow       .b1 // INFRARED THERMOMETER: SKY BRIG         cal Western Pacific // Central Facility, Manus G       .b1 // INFRARED THERMOMETER: SKY BRIG       Cli         dband total downwelling irradiance // Infradiance // Dow       .b1 // INFRARED THERMOMETER: Infradiance // | 2006       2007       2008       2009         SHTNESS TEMPERATURE, AVERAGED 60-SECOND         Ince, shortwave, downwelling, hemispheric, pyranometer         icking on the timeline itself includes         formation about data availability and a         Ick to data plots and data quality reports. |
| <ul> <li>Cape Cod, MA, USA; Mobile Facility</li> <li>Black Forest, Germany; Mobile Facility</li> <li>Ganges Valley, India; Mobile Faciliti</li> <li>Niamey, Niger; Mobile Facility</li> <li>SOURCES</li> <li>Sky Radiometers on Stand for Downwelling Radiation skyrad</li> <li>Atmospheric Emitted Radiance Interferometer AERI</li> <li>Microwaye Radiometer MWP</li> </ul> | 43         Itvp skyrad60s C1 .b1 // INFRARED THERMOMETER:         Itvp skyrad60s C1 .b1 // INFRARED THERMOMETER:         Itvp skyrad60s C3 .b1 // INFRARED                                                                                                                                                                                                                                                                                                                                                                                                                                       | icking an "information" icon also displays<br>ita product details plus a link to <b>plots and</b><br><b>ita quality information</b> .                                                                                                                                                                   |
| Infrared Thermometer IRT                                                                                                                                                                                                                                                                                                                                                      | 67 <b>I</b> pgh skyrad60s M1 .b1 // INFRARED THERMOMETER: SKY BRIG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | GHTNESS TEMPERATURE, AVERAGED 60-SECOND                                                                                                                                                                                                                                                                 |

## Navigating the ARM Archive Data Discovery Interface

#### Using ARM Terminology for Keyword Search



Surface Properties

#### Navigating the ARM Archive Data Discovery Interface Using Faceted Filtering on Search Results Page

| ARM                                                 | DA     | TA DISCOVERY                                                                                 | S. DEPARTMENT OF Office of Science |              |
|-----------------------------------------------------|--------|----------------------------------------------------------------------------------------------|------------------------------------|--------------|
|                                                     | Search | for (Start date)                                                                             | i (End date) 🖬 GO                  |              |
|                                                     | 🔒 📘    |                                                                                              | Q                                  |              |
|                                                     | 6      | Search Results                                                                               |                                    |              |
| Radiometric                                         |        | To search for and request data, select a category, measurement, site, or source. Use the Sta | art Date and End Date below to     |              |
| 🗖 Atmospheric State                                 |        | limit the data results timeline. Use the checkboxes below to add (or remove) a data product  | to the Data Cart.                  |              |
| 🗖 Aerosols                                          | 3,713  |                                                                                              |                                    | DATA CART >> |
| Cloud Properties                                    | 3,290  |                                                                                              |                                    |              |
| Surface Properties                                  | 1,296  | DATA GENERALLY AVAILABLE DATA NOTE DATA QUESTIONABLE DATA UNRELIABLE DA                      | ATA MISSING                        |              |
| Atmospheric Carbon                                  | 56     | Q Q Q                                                                                        | by: Pr                             | riority 👻    |
|                                                     |        |                                                                                              |                                    |              |
| MEASUREMENTS                                        | 50+    | The Search Results page enables data discovery t                                             | through filtering                  |              |
| Horizontal wind                                     | 1.274  | along the left bar by:                                                                       |                                    |              |
| Atmospheric moisture                                | 1,116  | 0 /                                                                                          |                                    |              |
| Aerosol optical properties                          | 820    | • Start/End Date                                                                             |                                    |              |
| Shortwave narrowband direct                         | 748    | • Management Catagony                                                                        |                                    |              |
| normal irradiance                                   |        | • Measurement Category                                                                       |                                    |              |
| Shortwave broadband total<br>downwelling irradiance | 736    | Measurement Type                                                                             |                                    |              |
| Shortwave narrowband diffuse                        | 704    | • Site                                                                                       |                                    |              |
| downwelling irradiance                              | -      | <ul> <li>Source (instruments, value-added products, ext</li> </ul>                           | ernal programs)                    |              |
|                                                     | 18     |                                                                                              | 10,                                |              |
| Southern Great Plains                               | 10,375 | The filtering /selection criteria can be applied in a                                        |                                    |              |
| Tropical Western Pacific                            | 2,474  | The filtering/selection criteria can be applied in a                                         | iny sequence.                      |              |
| 🗖 North Slope Alaska                                | 1,959  |                                                                                              |                                    |              |
| 🗖 Shouxian, Anhui, China; Mobile                    | 653    | As selections are made by checking boxes and cli                                             | cking on "apply,"                  |              |
| Facility                                            |        | the changing values displayed give the number o                                              | f remaining                        |              |
| Black Forest, Germany; Mobile<br>Facility           | 639    | choices within each criterion.                                                               |                                    |              |
| Point Reyes CA, USA; Mobile                         | 633    |                                                                                              |                                    |              |
| Entring and the second second second second         | -      |                                                                                              |                                    | 7            |
| • SOURCES                                           | 50+    |                                                                                              |                                    |              |
|                                                     |        |                                                                                              |                                    |              |

#### Navigating the ARM Archive Data Discovery Interface Faceted Filtering Search Results

| ARM                                                                                                                                                                                                                                                                                                                                | DATA DISCOVERY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | U.S. DEPARTMENT OF Office of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CLIMATE RESEARCH FACILITY                                                                                                                                                                                                                                                                                                          | skyrad60s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (Start date) 🗰 (End date) 🗰 GO // RESET //                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                    | <sup>1</sup> Search Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | The selections below control only data view below. The calendar in the cart enables date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Radiometric<br>Checking a                                                                                                                                                                                                                                                                                                          | To search for and request data, select a category, r<br>limit the data results timeline. Use the checkboxes l                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | range for data <i>ordering</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Longwave bro<br>irradiance box adds it to<br>the cart.                                                                                                                                                                                                                                                                             | DATA GENERALLY AVAILABLE DATA NOTE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | QUESTIONABLE DATA UNRELIABLE DATA MISSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <ul> <li>Shortwave broadcana total<br/>downwelling irradiance</li> <li>Shortwave broadband diffuse<br/>downwelling irradiance</li> </ul>                                                                                                                                                                                           | Image: State of the state | Page Size: 20 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Shortwave broadband direct normal irradiance                                                                                                                                                                                                                                                                                       | 54 1995 1996 1997 1998<br>③ ☑ nsa skyrad60s C1 .b1 // INFRARED THERM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1999         2000         2001         2002         2003         2004         2005         2006         2007           OMETER: SKY BRIGHTNESS TEMPERATURE, AVERAGED 60-SECOND         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 |
|                                                                                                                                                                                                                                                                                                                                    | 13 💽 🔽 - 3 Shortwave broadband total downwelling in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | radiance // Irradiance, shortwave, downwelling, hemispheric, pyranometer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul> <li>Filters:</li> <li>Left: List SKYRAD m<br/>from the Central Fai</li> <li>Top: Display time per</li> <li>Results:</li> <li>142 related measure</li> <li>Measurement from<br/>pyrgeometer added</li> <li>Colors on timeline i</li> <li>Magnify icons to the<br/>timeline view, and constant of the timeline view.</li> </ul> | easurements of longwave broadband dow<br>cility (C1) at Barrow on the North Slope o<br>eriod Jan. 1, 1995 through Dec. 31, 2007.<br>"b1"(QC checks applied) datastream from<br>I to the cart.<br>ndicate data status (see <b>key</b> at top of rest<br>e left of the start/end date boxes enable a<br>date and measurement timelines can be c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | An the shaded<br>Ults area).<br>zooming in/out on<br>dragged left or right<br>WRE, AVERAGED 60-SECOND<br>velling, hemispheric, pyranometer<br>RE, AVERAGED 60-SECOND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

#### Navigating the ARM Archive Data Discovery Interface Viewing Data Cart

| ARM                                                                                                                                                                                 | DATA DISCOVERY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             | Office of<br>Science                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| CLIMATE RESEARCH FACILITY                                                                                                                                                           | skyrad60s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (Start date) 🗰 (End date)                                                                                                                                   | GO // RESET //                                |
|                                                                                                                                                                                     | 🗄 🗏 😭                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             | Q                                             |
| Data Cart<br>To complete your request, you may re<br>your ARM Data Archive account or you<br>and fulfilled within the next 48 hours. Y<br>location of the FTP server for retrieval. | fine your dates and then select <b>Continue &gt;&gt;</b> . Next, you will be asked<br>may set up an account. Your data request will be entered into the p<br>You will receive an e-mail when your data request is complete, notify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | The calendar in the cart enables date<br>for final order (here, 1 year of avail<br>data). You can type the year, mont<br>choose a date from the calendar ic | te range<br>able<br>h, day or<br>on.          |
| Q Q 2010-01-01 # 2011-                                                                                                                                                              | OTE     DATA QUESTIONABLE     DATA UNRELIABLE     DATA MISSING       12-31     Image: Complete the state of the |                                                                                                                                                             | Sort by: Order Added 🗸                        |
| 2010<br>Jan Feb Mar Apr                                                                                                                                                             | May  Jun  Jul  Aug  Sep  Oct  Nov  Dec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>2011</b><br> Jan  Feb  Mar  Apr  May  Jun  Ju                                                                                                            | l Aug Sep Oct Nov Dec                         |
| ❸ X nsa skyrad60s C1 .b1 // INFRA                                                                                                                                                   | RED THERMOMETER: SKY BRIGHTNESS TEMPERATURE, AVERAGED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60-SECOND                                                                                                                                                   |                                               |
| 3 Shortwave broadband tota       3 ACK TO SEARCH       CLEAR CART                                                                                                                   | al downwelling irradiance // Irradiance, shortwave, downwelling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | hemispheric, pyranometer // down_short_hemisp                                                                                                               | CONTINUE »                                    |
| Click <b>x</b> to remove a single                                                                                                                                                   | measurement from cart                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             | Click <b>Continue</b> to place the data order |
| Privacy & Security Notice<br>All rights reserved.                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | l.                                                                                                                                                          |                                               |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                               |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                               |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                               |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                               |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                               |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                               |

#### Navigating the ARM Archive Data Discovery Interface Fine-tuning Ordering Options



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# Questions or comments?

Your opinion is important to us.

To send a comment or question,

Email: <a href="mailto:armarchive@arm.gov">armarchive@arm.gov</a> or

Call 1-888-ARM-DATA.