DR 17313 Test Procedure

Additional true color capabilities for satellite, gridded data

Download DR17313.xml.

> Posted to ftp://ftp.ssec.wisc.edu/pub/jordang/a2/sample/DR17313/DR17313.xml

Open CAVE on the test workstation.

In the D2D perspective, choose the “CAVE” menu, then select “Load Displays…”, and load the DR17313.xml bundle from your local file system (a full suite of model data must be available).

> A grid image should load, extending from 110 East longitude to 110 West longitude. The image should appear predominantly magenta with green vorticity swaths south of the northernmost grid extent of 60 North latitude.

Right click, hold, and choose “Sample”.

> As you move the mouse around the image area, the values should be representative of the color intensity. The percentage value in parentheses should help with this. For example, in green areas on the image, the “GREEN” entry should be at or near 100%. In many magenta areas, the contribution from “RED” and “BLUE” should be close to the same. Off the image, the sample readout should be “NO DATA” for “RED”, “GREEN”, and “BLUE”.

Now, on the product legend, “Test (RGB): Something1/Something2/Something3”, right click and select “Composite Options…”.

> The values of the “RED” sliders should be approximately 1050.0 and 950.0, with approximately 25.0 and -5.0 for the “GREEN” sliders. Exact values may vary slightly due to the exact nature of the data and configuration of the workstation.

As the sliders are adjusted, the display should automatically update.

If the behavior is as expected, with no red or black banners indicating exceptions encountered during this procedure, the test is complete.

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