

## Test instructions for TT 606875

### ***No gridded data display for a local model when valid time is between 1 and 9 minutes***

- Download the test file:  
[ftp://ftp.ssec.wisc.edu/pub/jordang/a2/sample/TT606875/SSEC\\_AWIPS\\_CONVECT\\_GRID197\\_5KM\\_ALL\\_GOES\\_20140407\\_0702.GRIB2](ftp://ftp.ssec.wisc.edu/pub/jordang/a2/sample/TT606875/SSEC_AWIPS_CONVECT_GRID197_5KM_ALL_GOES_20140407_0702.GRIB2)
- Copy the test file to /awips2/edex/data/manual/ecmwf\_decrypted.grib2 on the test EDEX platform.
- Select **CAVE->Data Browsers->Product Browser**.
- Load **GribModel:7:12:214->CUEFI->Entire Atmosphere as a single layer->0.0 EA** from the Product Browser.
- Note the error (complete message below): *No data available for resource com.raytheon.viz.grid.rsc.GridResourceData*

```
No data available for resource
com.raytheon.viz.grid.rsc.GridResourceDatacom.raytheon.uf.viz.core.exception.NoDataAvailableException: No
Data Available
    at
com.raytheon.uf.viz.core.rsc.AbstractRequestableResourceData.construct(AbstractRequestableResourceData.java:2
32)
    at com.raytheon.viz.grid.rsc.GridResourceData.construct(GridResourceData.java:120)
    at com.raytheon.uf.viz.core.drawables.ResourcePair.instantiateResource(ResourcePair.java:244)
    at com.raytheon.uf.viz.core.rsc.ResourceList.instantiateResources(ResourceList.java:918)
    at com.raytheon.viz.ui.BundleLoader$InstantiationTask.run(BundleLoader.java:86)
    at java.lang.Thread.run(Thread.java:662)
    at com.raytheon.viz.ui.BundleLoader.loadBundleToContainer(BundleLoader.java:179)
    at com.raytheon.viz.ui.BundleLoader.run(BundleLoader.java:117)
    at org.eclipse.core.internal.jobs.Worker.run(Worker.java:54)
```

Correct the behavior using a development environment.

- Use the Eclipse SDK to make a change to the source code file  
com.raytheon.uf.common.time/src/com/raytheon/uf/common/time/DataTime.java
- Locate the “public String toString()” method at approximately line 749.
- Beneath “StringBuffer buffer = new StringBuffer();”, add the following line:  
**NumberFormat twoDigit = new DecimalFormat(“00”);**
- At approximately line 764, change  
buffer.append(" ").append(hrs).append(":").append(mins)  
to  
buffer.append(" ").append(hrs).append(":").append(**twoDigit.format(mins)**)  
(emphasis added).
- Save the file and run the developer.product (CAVE) in debug mode.
- Try the test procedure again. Data will load.

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