

Test instructions for TT 519259

fourSat projection display errors

- Download the test file:
ftp://ftp.ssec.wisc.edu/pub/jordang/a2/sample/TT519259/GOESR-PG_SSEC_AWIPS_MIMIC-TPW_20140116_1600.netCDF
- Copy the test file to /awips2/edex/data/manual on the test EDEX platform.
- Select **CAVE->New->Map Projection...**
- Select **Mercator_1SP** as the projection.
- Define the extent by **Center**.
- Set the latitude to **20** degrees and the longitude to **-150** degrees.
- Set both the height and width fields to **10000000** m.
- Validate and load the projection.
- Select **CAVE->Data Browsers->Product Browser**.
- Load **Satellite->Unknown-MIMIC->fourSat->Unknown-TPW** from the Product Browser.
- Take note of the coverage. Swap panes.
- Select the **N. Hemisphere** scale from the appropriate CAVE drop-down menu.
- Load **Unknown-TPW** again from the Product Browser, this time on the new scale.
- Notice the difference in the coverage. When loaded on the N. Hemisphere scale, the data covers the entire northern Hemisphere, which matches the behavior from AWIPS I. That is not the case on the Mercator projection.

Send questions or comments to Jordan.Gerth@noaa.gov