

AE IV&V Test Case TO8_8006

Revision History

Rev. No.	Date	By	Description of Changes
1.0	04/16/08	Cliff Wong	Initial release

1. TEST CASE IDENTIFIER

TO8_8006

2. NARRATIVE

This test case verifies CAVE properly handles overloaded imagery products as well as hi-resolution map backgrounds which will also be used in OB9.

3. REFERENCES (Optional)

None

4. FEATURES TO BE TESTED

CAVE's use of memory on the graphics card.

5. SETUP INSTRUCTIONS

Assumptions:

- TO8 software has been installed successfully
- EDEX, CAVE are running
- Test data has been ingested
- Additional map shape files has been installed

6. ACCEPTANCE CRITERIA

The images and data will be displayed in CAVE.

7. TESTING PROCEDURE

Step	Procedure	Expected Result	Actual Result
1	Start CAVE.		
2	Click mouse button 1 on "State/County Boundaries" legend	CAVE displays black background in the main/large pane.	
3	From the CAVE dropdown menu, select Import Shapefile... submenu.	Shapefile Wizard: Select File dialog box is displayed	
4	Enter the path where c_00k05feb08.shp file is stored and click on "Next >"	Shapefile Wizard: Select Label Attribute dialog box is displayed	
5	Select "COUNTYNAME" in the Attributes: list box and click on "Next >"	Shapefile Wizard: Select Coloring dialog box is displayed	
6	Click on "Finish"	CAVE displays State/County boundaries in main panel. CAVE displays "counties.shp" legend on the lower right hand corner.	
7	Click and hold mouse button 3 on the display and select 'Sample'. Pan and zoom to an area where tester is familiar with.	County name is displayed.	
8	Click and hold mouse button 3 on the display and deselect 'Sample'.		
9	From the CAVE dropdown menu, select Import Shapefile... submenu.	Shapefile Wizard: Select File dialog box is displayed	
10	Enter the path where usa_cwa_total.shp file is stored and click on "Next >"	Shapefile Wizard: Select Label Attribute dialog box is displayed	
11	Select "CWA" in the Attributes: list box and click on "Next >"	Shapefile Wizard: Select Coloring dialog box is displayed	
12	Click on "Finish"	CAVE displays map in main pane. CAVE displays "usa_cwa_total.shp" legend on the lower right hand corner.	
13	From the Satellite dropdown menu, select an available IR Window product	The Satellite image displays in CAVE.	
14	From the Satellite dropdown menu, select an available Water Vapor product	The Water Vapor image displays in CAVE.	
15	From the CAVE dropdown menu, select "Browser Classic"	CAVE displays Classic Volume Browser.	
16	Select an available Grid Product (e.g. RUC40/ Temperature)	The Grid product displays in CAVE.	
17	From the CAVE dropdown menu, select "Browser Classic"	CAVE displays Classic Volume Browser.	
18	Select an available Radat Product (e.g. Storm Total Precip)	The Radar product displays in CAVE.	
19	End of test		