

AE IV&V Test Case: Baseline CAVE Volume

Revision History

Rev. No.	Date	By	Description of Changes
0	16-apr-2008	S. Davison	Adapted from AWIPS OB8.1 SIT test: Baseline_D2D_Volume_1.4.1.14

Test Case Identifier:

Baseline CAVE Volume

Narrative

This test case demonstrates the capability of CAVE to display a representative sample of plan view model products from available models.

- Prerequisite Conditions:

The tester must log on to a graphics workstation (LX) with valid username & password.

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Step #	Action	Expected Results	Actual Results	Pass(P)/ Fail(F)	Comments
1.	Start CAVE	CAVE launches			
2.	If CAVE is already open, clear the main pane.	Main pane is cleared.			
3.	From the Scale pull-down menu (left side of toolbar), select N. Hemisphere, North American, CONUS, or Regional. Usually, CONUS is the default scale.	Main pane map scale changes to selected scale.			
4.	From the Frames pull-down menu (right side of toolbar), select 64.	Number of frames available becomes 64.			
5.	Use the options in the Volume menu to select volume families to load. Do not use the Volume Browser in this test case.	Volume families load in the main pane of D2D.			
6.	View all the frames (model forecast times) by using the arrow keys on the keyboard or toolbar and make sure the date displays correctly and with the right time stamp. The model data should step ever 1-3hrs for RUC, 3hrs for NAM, 6hrs for GFS & NGM.	The model data should change from frame to frame. Generally, most features between 60N and 20N latitude will move west to east most of the time.			
7.	Select clear on the CAVE toolbar menu.	Product is cleared from the main pane.			
8.	Complete steps 1-7, until all model families have been loaded from the menu.	Steps 1-7 were executed successfully.			
9.	Click on CAVE Exit	The application closes and this test case is completed.			