Release: Baseline	**Test Case Creation Engineer:** Will Leverenz
Title: Display Observational Data	**Date Test Case Created:** 03/01/06
Test Case Execution Engineer:	**Pass/Fail/Pending:**
Test Platform:	**Total Test Time:**
Start Date:	**Run Time for processes or reports:**
Complete Date:	**Database Instance and Version:**
Logged in User's Role:	**Location of Test Artifacts for this test case:** N/A
Notification Server Version:	**CI:**
Last Modified By: Scott Nicholson	**Test Steps:**
Date Modified: 8/21/09	

Test Case # **Baseline_D2D_Obs_M**

Test Case Description

This test case demonstrates the capability of AWIPS to display different types of observational data.

- Requirements
  - Not Applicable.
- Data Input:
  - Not Applicable.
- Prerequisite Conditions:
  - The tester must log on to a graphics workstation (LX) with valid username & password.

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Step #	Action / Inputs	Expected Outputs	Actual Results	Pass(P)/ Fail(F)	Comments
1.	Open a D-2D session.	The D-2D is opened.			
2.	Click and hold Mouse Button (**MB) 3** and select sampling.	Sampling is activated.			
3.	From the **Scale** pull-down menu (left side of toolbar), select **Regional**.	Main pane map changes to selected scale.			**Slice 6**
4.	Under the Local Data header select 30 min stn plot & QC and cycle through to make sure you can see data.	Product is loaded.			**Slice 6**
5.	Clear the pane.	Pane is cleared.			**Slice 6**
6.	Repeat Steps 3-5 and load 5 min stn plot and 3 hr Precip (which may be blank) one at a time.	Steps are repeated.			**Slice 6**
7.	From the **Scale** pull-down menu (left side of toolbar), select **State(s)**.				
8.	From the **Frames** pull-down menu (right side of toolbar), select **32**.	Number of frames available becomes 32.			
9.	Click **Obs** and tear off the menu.	Obs is selected and the menu is torn off.			**Variance: Not supported by Eclipse**
10.	Click Surface Plot and make sure it has all frames by selecting the loop feature.	Product is current and has multiple frames available to view.			
11.	Move the mouse around and make sure that you can sample the data.	Data is sampled and verified.			
12.	Click on **Clear** on the D2D toolbar menu.	Product is cleared from the main pane.			
13.	Repeat steps 7-12, until all products in Table 1 have been checked. For this section, load each product one by one.	Available products were loaded individually.			
14.	Click on **File -> Exit**	The application closes and the test case is completed.			

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Table 1 Obs menu items:

Surface Plot				Menu Item Available Y/N	Display P/F
METAR:				**Y N**	**P F**
	Station Plot			**Y N**	**P F**
	Other Plots			**Y N**	**P F**
		15 min Plot		**Y N**	**P F**
		24 hr Chg		**Y N**	**P F**
		Ceil/Vis Plot (AGL)		**Y N**	**P F**
		Ceil/Vis Plot (MSL)		**Y N**	**P F**
		Wind Ch/Heat Idx		**Y N**	**P F**
		Precip		**Y N**	**P F**
			24 hr Precip	**Y N**	**P F**
			6 hr Precip	**Y N**	**P F**
			3 hr Precip	**Y N**	**P F**
			1 hr Precip	**Y N**	**P F**
		MSAS Obs		**Y N**	**P F**
			NWS MSL Pressure	**Y N**	**P F**
			MSAS 1500 m Pressure	**Y N**	**P F**
			Altimeter	**Y N**	**P F**
			3 hr Pressure Change	**Y N**	**P F**
			Wind	**Y N**	**P F**
			Potential Temp	**Y N**	**P F**
			Dewpoint	**Y N**	**P F**
			Dewpoint Depression	**Y N**	**P F**
Synoptic:				**Y N**	**P F**
	Station Plot			**Y N**	**P F**
	Other Synoptic Plots			**Y N**	**P F**
		6 hr Precip		**Y N**	**P F**
		24 hr Precip		**Y N**	**P F**
Local Data:				**Y N**	**(Slice 6)**
	30 min stn plot			**Y N**	**(Slice 6)**
	30 min stn plot + QC			**Y N**	**(Slice 6)**

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	Other Local Plots			**Y N**	**(Slice 6)**
		15 min stn plot		**Y N**	**(Slice 6)**
		15 min stn plot + QC		**Y N**	**(Slice 6)**
		5 min stn plot		**Y N**	**(Slice 6)**
		1 min stn plot		**Y N**	**(Slice 6)**
		Wind Ch/Heat Idx		**Y N**	**(Slice 6)**
		Precip Plots		**Y N**	**(Slice 6)**
		Loop Precip		**Y N**	**(Slice 6)**
		3 hr Precip		**Y N**	**(Slice 6)**
		1 hr Precip		**Y N**	**(Slice 6)**
		30 min Precip		**Y N**	**(Slice 6)**
		15 min Precip		**Y N**	**(Slice 6)**
		5 min Precip		**Y N**	**(Slice 6)**
	Collection / Dissemination…			**Y N**	**P F**
Maritime:				**Y N**	**P F**
	Fixed Buoys			**Y N**	**P F**
	Moving Maritime			**Y N**	**P F**
	MAROB			**Y N**	**P F**
	Other Maritime Plots			**Y N**	**P F**
		Fixed Sea State		**Y N**	**P F**
		Moving Sea State		**Y N**	**P F**
		MAROB Sea State		**Y N**	**P F**
		Maritime Cloud/Vis		**Y N**	**P F**
		Scatterometer Winds		**Y N**	**P F**
		QuikSCAT Winds 12.5 km		**Y N**	**P F**
		ASCAT Winds 25 km		**Y N**	**P F**
	SAFESEAS			**Y N**	**(Slice 6)**
Hazards:				**Y N**	**P F**
	Local CWA Warnings			**Y N**	**P F**
	Local CWA Flood Warnings			**Y N**	**P F**
	Marine Warnings			**Y N**	**P F**
	Other Warning Displays			**Y N**	**P F**
		Local and Regional Warnings		**Y N**	**P F**
		Local and Regional Flood Warnings		**Y N**	**P F**

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		All Local Warnings		**Y N**	**P F**
		All Regional Warnings		**Y N**	**P F**
	Local Storm Reports			**Y N**	**P F**
		Office		**Y N**	**P F**
		Local		**Y N**	**P F**
		Region		**Y N**	**P F**
	Lightening			**Y N**	**P F**
		1 hr Lgtng Plot		**Y N**	**P F**
		15 min Lgtng Plot		**Y N**	**P F**
		15 min Pos/Neg Lgtng Plot		**Y N**	**P F**
		5 min Lgtng Plot		**Y N**	**P F**
		1 min Lgtgn Seq		**Y N**	**P F**
	Fog Monitor			**Y N**	**(Slice 6)**
	Snow			**Y N**	**(Slice 6)**

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