JViz Refresher

2005 Forecasters Conference
What is JViz?

• 2-D display (Java) application for 4dwx.

• Intuitive, interactive user-interface.

• Configured for each range.

• Access via display node (vmet) and webstart.
JViz Data Sets - Model

✓ RT-FDDA

✓ NAM
JViz Data Sets - Obs

✓ SAMS

✓ Metars
JViz Data Sets – Obs (cont)

✓ Lightning
✓ Soundings
JViz Data Sets – Obs (cont)

- Radar
- Satellite
JViz Data Sets – GIS

- Preconfigured Data Sets
- Shapefiles
JViz Visualization Products

✓ Maps
JVis Maps – Viewing Data Sets

- Data Layer List
- Time Controller
- Animation Controls
- Altitude Slider
- Data Layer Configuration
• Data Layer Order Manager

• Zoom / Unzoom
• Pan and Overview

• Areas of Interest (AOIs)
JViz Visualization Products (cont)

✓ Vertical Cross-Sections
JViz Visualization Products (cont)

✓ Soundings and SkewT
JViz Visualization Products (cont)

✔ Time Series
JViz Configuration Files

✓ Save/Load Configurations

- Open configuration...
- Save configuration...
- Save configuration as...
- Load Shapefile ...
- Export Image...
- Print Image...
- Exit
Your new JViz configuration file

4DWX has made available an updated configuration ("config") file for running your JViz application. This is the same file used to run JViz during the Forecasters’ Conference. You can access the new config file at your range, and use it to run JViz at your range.

Accessing the new config file
The new JViz config file is already available on your display (vmet) machine, at:
/home/4dwx/jviz/jvizFC.xml

You can also download the new config file from the Web, to your local machine:
1. In a web browser, open: http://[your ingest machine address]/tools/webstart/jvizFC.xml
2. After the page loads, select File > Save Page As... from your file menu.
3. Save the page to: /home/4dwx/jviz/jvizFC.xml

Running JViz with the new config file
1. Open the JViz application.
2. Select “Other…”
3. Surf to your /home/4dwx/jviz directory, select the jvizFC.xml file, and click the [Open] button: