

# NWS Weather Event Simulator 7.2

## Release Notes

NOAA NWS Warning Decision Training Branch  
Norman, OK

### WES7.2 Installation

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Enclosed you will find a WES7.2 Install DVD. To install WES7.2, please consult the INSTALL\_WES7.2.pdf file on the install CD. All WFO's, including those who were WES7.2 beta test sites, need to install WES7.2.

### What's New in WES7.2

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#### 1. Updated with AWIPS OB7.2

- General User Alert Display Panel (GUARDIAN)
- DMD time-height display. Enhancements include "Diameter Overlay", "Elevation Angle Connections", and "Volume Scan Poles".
- SPG Products
- SREF

#### 2. WES7.2 Overview Training is available in the LMS for NOAA users

- All NOAA WES installation focal points and WES training focal points (see <http://www.wdtb.noaa.gov/tools/wes/admin/WES-IOP-Final.pdf>) should take this short training in the LMS, and fill out the survey before installing WES. To take the module, search for "WES7.2" in the LMS catalog.

#### 3. WES/WESSL Improvements

- WESSL commands can now be issued in 10 second increments (:00, :10, :20, :30, :40, :50 seconds past the minute)

#### 4. WES Machine Replacement

- In 2006, NOAA users received replacement WES machines based off the new AWIPS hardware refresh LX workstations. A "WES machine replacement disk image" containing RHE4 and WES7.1 was released in late 2006/early 2007 to forecast offices in most regions. Although WES7.2 is a standalone install DVD (requires no previous versions of WES), **NOAA users should install the "WES**

**machine replacement disk image” on the new machines before installing WES7.2** to minimize problems with operating system conflicts.

## **WES7.2 Known Problems**

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- OB7.2 requires Redhat Enterprise 4. The OB7.2 AWIPS will not work with Redhat Enterprise 3.
- The new surface observation monitor from MDL called SNOW (System for Nowcasting Of Winter Weather) does not work with WES7.2. It requires archived SNOW files and special point processing currently not available in WES.
- The new Enhanced Wind Warning (EWW) polygons do not display in D2D under the NCEP/Hydro menu. This is an AWIPS OB7.2 operational bug.
- SPC watch polygons under the NCEP/Hydro menu no longer display from SAW products (they use WOU products). To view watches polygons from archived SAW products see section 11.
- A small feature in GUARDIAN which allows the user to move the GUARDIAN status bar to different screens is not functioning.
- As in WES5.0, WES6.0 and WES7.1, any pre OB5 SCAN and FFMP data need to be recreated.

## **WES7.2 Post Install**

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As with all major WES releases, new localizations need to be built for older cases to display properly with the OB7.2 in WES7.2. For more information, see the WES7.2 installation instructions.

## **WES8.1 Additional Development**

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The next WES release is planned to immediately precede the release of AWIPS OB8.1. Currently OB8.1 is planned for release in summer 2007.

## **Questions**

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Questions regarding WES7.2 installation or support should be sent to the WES info list at [wes@infolist.nws.noaa.gov](mailto:wes@infolist.nws.noaa.gov). Questions regarding shipping or obtaining WES for non-NOAA use should be sent to Timm Decker ([timothy.b.decker@noaa.gov](mailto:timothy.b.decker@noaa.gov)) at the Warning Decision Training Branch.