WOC Winter Simulation Installation Guide

<u>Case</u>: WFO Cheyenne (CYS) from January 27 – January 28, 2019 <u>Case Release Date</u>: November 2019

The following guide walks through installing the WOC Winter case. To perform this install, your WES-2 Bridge workstation must be a 17.3.1 or later version.

This case is saved over 3 discs. Discs 1, 2, & 3 contain everything the forecaster needs to complete the WOC Winter objectives.

- 1. Log into your "wes2" workstation with your user account (that is in the "fxalpha" group).
- Insert Disc 1 into your WES-2 Bridge optical drive. To mount the disc, use the Gnome Disk Utility (Applications Accessories Disks). In the GUI, navigate to the CD/DVD/Blu-Ray Drive and mount the disc by pressing the "Play" button (►).
- 3. Open a terminal window and run the "WESCase_install_1.sh" script.
 - \$ cd /media/cdrecorder
 - \$ /bin/bash WESCase_install_1.sh
- 4. Follow the on-screen install instructions to load Disc 2 & Disc 3. Each disc will have its own installer (for example, Disc 2 is installed using /bin/bash WESCase_install_2.sh). When you switch discs, you will need to use the Disk Utility to unmount the previous disc (with the "Stop" button) and then mount the next. IMPORTANT: When the first disc is finished, you'll need to do a "cd" command in the terminal running the installer before doing the unmount because the system will say the device is busy until you cd out of it and prevent the disc from mounting correctly. You'll need to repeat this process in between each disc.

For questions related to the simulation installation, contact: Dale Morris (Dale.A.Morris@noaa.gov) For questions related to the WOC Winter course or simulation, contact: nws.wdtd.wocwinter@noaa.gov

To begin the simulation, please navigate to the **WDTD Training Resources Page** (Fig. 1), select the "**WOC Winter Simulation (CYS 2019-01-27) Materials**" link (Fig. 2), and then follow the "**Simulation Launch Instructions**" PDF (Fig. 3).



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WDTD Training Resources						
Here are links to specific training materials that are designed to be used on the WES-2 Bridge workstation in a case-review or simulation.						
EY16 AWIPS Fundamentalis and RAC Workshop Prince						
Note: This link becomes active only after installing the materials from the "FY16 AWIPS Fundamentals & RAC Workshop Primer WES-2 Bridge Exercises (AWIPS Build 14.3.1) DVD"						
WOC Flash Flood Simulation (DMA 2010-00-50) Materials						

Figure 2: The WDTD Training Resources page with the WOC Winter Simulation page (in purple)

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WOC Winter short	t-term exercise						
This page supports the delivery of the Warning Operations Course – Winter Track (WOC Winter) and its associated WES simulation. This case is a winter event in the Cheyenne, WY CWA (CYS) from January 27, 2019 to January 28, 2019. The following material provides information on completing this simulation							
Launch Instructions							
Simulation Launch Instruction simulation applications.	tions: Once the case installation is complete this document provides step-by-step instructions on how to load ar	ıd laun	ch th	e			
Supplementary Documentatio	n						
These documents provide addition	onal details on the case data and procedures.						
• Procedure details: This fi	ile includes details on the relevant procedures used in the short-term forecast and warning simulations.						
References							
These quick guide references pre-	ovide background aid for some of the tasks in the simulation.						
• GOES Advanced Baselin	e Imager band 2						
GOES Day Snow Fog RC	GB Product						
GOES Day and Cloud R	<u>GR Hloanci</u>						

Figure 3: Accessing the Simulation Launch Instructions from the WOC Winter page

NOTE: After you have successfully installed the case, you may encounter this message (figure 4) once you start the simulation. If you do see this message:

- 1) Stop the simulation
- 2) Stop and start the EDEX that this simulation uses.

This step will ensure that you are using the correct localization for this simulation.



Figure 4: Simulation Warning