

Installation Instructions for HEC-ResSim, Version 2.0, September 2003

This document describes the recommended computer system configuration for running HEC-ResSim and explains how to install and uninstall the software.

1. Operating System Requirements

HEC-ResSim is supported on the following computer operating systems:

- Microsoft Windows 2000
- Microsoft Windows XP

2. Hardware Recommendations

Make sure that your computer has at least the following recommended hardware before you install the HEC-ResSim software. This version of HEC-ResSim will run on a microcomputer that has the following:

- Microcomputer with a Pentium III (or equivalent) processor or higher
- A hard disk with at least 1 gigabytes (Gb) of **free** space.
- A CD-ROM drive.
- 256 MB of RAM.

4. Installation Procedure

To install the HEC-ResSim software, you will need to use the **ResSim2.0setup** program provided on the HEC-ResSim installation CD-ROM or downloaded from HEC's website (<http://www.hec.usace.army.mil>).

To install the software onto your hard disk from Microsoft Windows:

1. Logon to Windows as a user with *local administrator privileges*.
2. Uninstall any previous version of HEC-ResSim you currently have installed on your computer (see Uninstall Procedure below).
3. Insert the HEC-ResSim CD into your CD-ROM drive. From Windows Explorer, browse to your CD and double-click on the ResSim2.0setup program. [If you downloaded ResSim2.0setup from the web, browse to the directory where you saved it on your hard drive and double-click on it.]
4. Follow the setup instructions on the screen.
5. If your Windows operating system does not contain an up-to-date (secure) installer, one will automatically be installed. This process may require you to restart your computer.

Note: The HEC-ResSim program was written in Java. As such, it requires a Java Virtual Machine (JVM) to run. The correct Java Virtual Machine (JVM) will be

installed under the ResSim directory. This installation of the Java Virtual Machine will not overwrite or replace any other version that may already be installed.

The setup program will create (or add to) a program group named HEC, and install ResSim under that group. A ResSim2.0 shortcut icon will automatically be placed on the desktop. If you do not wish the shortcut to be on the desktop, simply delete it.

The setup program will also install two example watersheds. These watersheds are named HayesBasin and BaldEagle. Unless you directed otherwise during the install process, these watersheds will be located in C:\HEC Data\ResSim\base.

Important

- You must remove previous versions of HEC-ResSim before installing a new version (see Uninstall Procedure below).
 - You do not need to restart your computer to run the program after installation. If a new program installer was installed, however, you may need to restart your computer.
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5. Uninstall Procedure

To uninstall HEC-ResSim, use the Remove Program function in Windows:

1. Logon to Windows as a user with *local administrator privileges*.
2. From the Windows **Start** menu, select **Settings** then **Control Panel**.
3. From within the Control Panel, select **Add/Remove Programs**.
4. Select **HEC-ResSim** from the list of software.
5. Click the **Add/Remove** button.

The Windows Remove Program function will uninstall the HEC-ResSim software but will not remove the ResSim directories that contain your personal preferences and scripts. If you will be installing a new version of the program, **do not** remove these. If you will not be installing a new version of the program, you may remove the ResSim directories manually through Windows Explorer.

The Remove process will also attempt to remove the example watersheds (HayesBasin and BaldEagle) that were installed. However, if you modified those watersheds in any way, the remove process will see new dates on some files and directories within the watershed, so will leave those files behind. These example watershed directories can be removed manually using Windows Explorer.