ESAP Software Suite: Windows XP - Version 2.35
August 2006 Edition

3-Step Software Installation Directions

Step 1: Core Software Installation Directions:

ESAP version 2.35 is new software, and thus can be installed independently of any earlier ESAP software versions. If you are upgrading from an earlier version, you should either un-install your earlier version of ESAP, or install the 2.35 software into a different subdirectory. Also, you should first back up your current ESAP data sub-directory (if you decide to un-install your current ESAP software). This back-up needs to be done manually, using the Windows Explorer (My Computer) software. We recommend that you COPY your current "…\esap2\data" subdirectory to another location on your hard drive, so that if any of your earlier data files become corrupted or erased during the un-install process, then they can be easily recovered.

If you wish to uninstall any earlier versions of ESAP, you should do so AFTER backing up your data directory, but before installing the 2.35 software. Note that you do not have to uninstall any earlier ESAP software versions; however, the current software components should <u>not</u> be installed into your previous target installation directory.

By default, this new XP-edition will install ESAP into the "**C:\Program Files\USDA\esap2**" subdirectory. This is the required default directory for all USDA-NRCS software users. If you are a non-USDA-NRCS employee and wish to install the software to another target location, you may do so during the installation process.

XP installer software is now used to install ESAP on Windows XP platforms. As such, simply double-click the **ESAP_2_35_003_INSTALL.msi** file to begin the installation process. During installation you can specify a new target directory (if desired), otherwise the software installation process is now fully automatic.

After installation, you will find two ESAP PDF files in the "…\esap2" subdirectory; i.e., "ESAP_201UserManual.pdf" and "Ver235_Installation_Notes.pdf". The first PDF file is the ESAP version 2.01 User Manual (which still contains helpful information about many of the current ESAP program features). The second PDF file contains some newer release notes about version 2.35 (beginning on page 3). <u>Please ignore the installation directions shown on pages 1 and 2 of this file</u> (these directions are for a previously released, non-XP installation package).

After the installation process is complete, you should find an ESAP Version 2.35 program menu item under the Start/Programs menu option. This menu item will contain a link to the ESAP V2.35 Splash screen, and also direct links to the RSSD, Calibrate, SaltMapper, SigDPA, and DPPC-Calculator programs.

Step 2: Help File Installation Process:

Once the version 2.35 software has been installed, you need to extract the complete set of ESAP help files. To do this, start up the ESAP Version 2.35 splash screen. Next, on the main menu bar,

select the *Info > Install ESAP Helpfiles* menu option. This will initiate a self-extracting ZIP program that can be used to install the help files for all of the individual ESAP programs.

IMPORTANT: Before extracting the help files, make sure that the Destination path is correctly specified. The correct specification is the path you've installed the software to, plus the "\helpdocs" directory. For example, if you use the default installation parameters, then the correct path is:

c:\Program Files\USDA\esap2\helpdocs

Once this path is correctly specified, click on the Finish button to extract the individual help files.

Step 3: Setting Default Paths and Printer Information:

Before using the ESAP software to analyze conductivity survey data, you should set the correct text editor path, data subdirectory path and printer DPI information. This information can be set from within the RRSD program.

To define this information, start the RSSD program (either directly or through the Version 2.35 splash screen), and click on the *Help > ESAP Interface Controls* menu option. The Interface window will then be displayed, and you can use the controls on this window to define the correct path to the specific text editor that you wish all ESAP programs to use. The default text editor program is **Write.exe (**also called the **Wordpad** text editor); this program is available in all Windows operating systems. Generally, the correct path information is c:\WinNT\system32\write.exe" or "c:\ Windows\system32\write.exe" on most XP systems, but you should double-check this before running the ESAP software. If this path is not correctly specified, then you will not be able to display any ESAP generated text output files.

The correct data subdirectory path is the path you've installed the software to, plus the "\data" directory. For example, if you use the default installation parameters, then the correct path is:

c:\Program Files\USDA\esap2\data

The correct DPI value that you should use depends upon your current default printer. Simply confirm the resolution (dots per inch) of this printer (typically either 600 or 1200 DPI for most personal laser printers), and then set the DPI value accordingly.

Upon completion of Step 3, the software is ready to use.