

Installing FGDCGeoAge Fonts

Font Types

The FGDCGeoAge font has been created in both PostScript (Type 1) and TrueType versions, and each of these font types has been formatted for use on either Macintosh or Windows systems (UNIX systems can use the font files formatted for Windows).

Macintosh Systems

Under the Mac OS, either PostScript or TrueType font files (or both) can be installed. However, it is generally better to install only one type of font on a system because there may be subtle kerning differences between the two types of fonts. In addition, many applications will display only one type of font in their *Font Menu* or *Formatting Palette*, and it may not be apparent from that menu or palette which font type will be accessed.

PostScript Font Files -- Install both the "FGDCGeoAge" and "FGDCGeoAge.bmap" font files (both files are needed for the font to function properly)

TrueType Font File -- Install the "FGDCGeoAge.suit" font file

Where to Install the Font File(s) -- Depending on which version of the Mac OS you are running, font files can be installed in a number of places. In addition, Mac OS X looks for fonts in a particular order from several different font folders, some of which will be available to any user on the system and some to only the current user. Therefore, it is important to consider whether more than one user will need access to the fonts before a location is chosen. The following installation instructions are most suitable for multiuser systems, although they should also work well for a single-user system:

- **For Mac OS X, v. 10.3 and above** -- Use FontBook to install the font file(s)
- **For Mac OS X, v. 10.1 or 10.2:**
 - **If Classic OS is not present on your computer** -- Copy the font file(s) to your *Library/Fonts* folder (you will need administrator access). The fonts will be accessible to all users and all OS X native applications
 - **If Classic OS is present on your computer** -- Copy the font file(s) to your *System Folder/Fonts* folder. The fonts will be accessible to all users and all applications, both Classic and OS X native (fonts installed in any other OS X font folder will not be usable by Classic applications)
- **For Mac OS 9 and below** -- Copy the font file(s) to your *System Folder/Fonts* folder

After Installing the Font File(s) -- Depending on which version of the Mac OS you are running, you will need to either restart your computer or reopen your currently running applications:

- **For Mac OS X**, you will have to close and then reopen any OS X applications before being able to use the newly installed font in that application. If Classic OS is running within OS X, Classic OS will have to be restarted before any Classic OS applications can use that font (you probably won't need to restart your computer unless you experience problems after installing the font)
- **For Classic OS**, you will need to restart your computer before being able to use the newly installed font

Windows XP, 2000, and NT Systems

On Windows systems, either the PostScript or TrueType font files (or both) can be installed. Nevertheless, it is probably best to only install one type of font because there may be subtle kerning differences between the two types of fonts. In addition, some applications may only show one font type in their font menu (and will not identify which type will be accessed from that menu).

PostScript Font File -- Install only the "FGDCGA__.PFM" font file (although the "FGDCGA__.PFB" file is not installed, it must reside in the folder from which you copy the "FGDCGA__.PFM" file for the font installation to be completed; the "FGDCGA__.FON" file is only needed for the ArcInfo Workstation font installation)

TrueType Font File -- Install the "FGDCGA__.TTF" font file

Where to Install the Font File(s) -- Copy the Windows format font file(s) to the operating system fonts folder: on a Windows XP system, this will be C:\WINDOWS\Fonts; on Windows 2000 and NT systems, this will be C:\WINNT\Fonts. You will need Administrator access to install the font file(s)

After Installing the Font File(s) -- Any application open at the time of font installation will need to be closed and then reopened before using the new font(s) in that application. It should not be necessary to restart your computer; however, if you do experience problems after installing the font(s), it is best to restart your computer

UNIX Systems

UNIX systems can use font files formatted for Windows systems, either the PostScript or TrueType versions. You will probably need root access to install the font files.

Installing FGDCGeoAge for Use in ArcInfo

ArcInfo can be run on either Windows or UNIX systems: ArcInfo Desktop runs only on Windows systems, and ArcInfo Workstation runs on either Windows or UNIX systems.

- **ArcInfo Desktop** -- ArcInfo Desktop, which uses the font files installed in the Windows operating system fonts folder (see above), can use either PostScript or TrueType fonts; however, ArcMap (in ArcInfo Desktop) may only show one of the font types in its font menu
- **ArcInfo Workstation** -- ArcInfo Workstation also can use either PostScript or TrueType fonts; however, in ArcInfo Workstation, fonts must be located in a special ArcInfo fonts directory. In addition, fonts usually are accessed through a "textset," and a separate "fontindex" file also is required. Therefore, additional files are needed and steps are required to install fonts for use with ArcInfo Workstation (these are discussed in a separate document that is included with this publication, "Installing FGDCGeoAge for Use in ArcInfo Workstation")