

# Installation Instructions for SAS/GIS® Software for Windows 95, Release 6.12 Upgrade

Two versions of SAS/GIS software are available with the Release 6.12 of the SAS System for Windows. The original version is on the Release 6.12 SAS System media, and an upgrade version is on a separate piece of media included in this package. The original version has production status on Windows 95, Windows NT, and Win32s. The upgrade version has production status on Windows 95, beta status on Windows NT, and is not supported on Win32s.

## Part I: Installing the SAS/GIS Software Release 6.12 Upgrade

Complete the following steps:

1. If you have not already done so, install the SAS System (including the original version of SAS/GIS software) from the Release 6.12 CD according to the *Installation Instructions for the SAS System for Microsoft Windows, Release 6.12*.
2. Ensure that you have sufficient disk space. The SAS/GIS Software Release 6.12 Upgrade requires 14.8 megabytes of disk space.
3. Insert the SAS/GIS Release 6.12 Upgrade installation CD into your CD-ROM drive. If Windows 95 or Windows NT 4.0 is running with the AutoPlay feature enabled, Setup will start automatically.

If you are running under Windows 95 but are not using AutoPlay, select **START** and then **RUN**, and then type `<source_drive>: \SETUP`.

If you are running under Windows NT but are not using AutoPlay, select **FILE** and then **RUN** from the Windows Program Manager, and then type `<source_drive>: \SETUP`.

4. Follow the instructions in the Setup window and supply the path to the current Release 6.12 SAS System directory whenever prompted for its location (or simply proceed if the default path is correct).

When you are presented with the SETUP TYPE window, be sure to choose **TYPICAL** (the default).

**Note:** This installation creates an *Addon* subdirectory (under the directory where Release 6.12 of the SAS System is currently installed) into which the SAS/GIS Software Release 6.12 Upgrade components are installed. It also makes a copy of the Release 6.12 *CONFIG.SAS* file and names it *CONFIG.000*. It then modifies your *CONFIG.SAS* file so the SAS/GIS Software Release 6.12 Upgrade components will be used. *No part of your Release 6.12 installation will be deleted or replaced.*

5. The SAS/GIS Map Object is installed in the final step of the installation process. If you choose to do this now, proceed to "Part II, Installing the SAS/GIS Map Object." If you choose not to install the SAS/GIS Map Object now, de-select the `Run SAS to install GIS Map Object` checkbox and click `FINISH`.

## Part II: Installing the SAS/GIS Map Object (Experimental)

**Note:** SAS/AF software must be licensed to install and use the SAS/GIS Map Object. In addition, you must also have `WRITE` access to the `SASHELP` library to install the SAS/GIS Map Object.

1. If you just followed the steps in Part I, then the final `SETUP` screen should still be displayed. Make sure that `Run SAS to install GIS Map Object` is selected and click `FINISH` to install the SAS/GIS Map Object.

If you chose not to install the SAS/GIS Map Object when you originally installed the SAS/GIS Software Release 6.12 Upgrade and would like to do it now, invoke SAS and submit the following statements from the SAS Program Editor:

```
%gisobj;  
run;
```

2. When the `BUILD` window is displayed, click the `ACTIONS` button at the bottom of the window and then select `SYNCHRONIZE` from the resulting pop-up menu. Click the `OK` button. When you are presented with another `BUILD` window, close the window using `PF3` or by clicking the `X` in the upper-right corner of the window frame. The SAS/GIS Map Object installation will complete and SAS will terminate.

The SAS/GIS Map Object is now installed. Note that it is experimental with this upgrade.

## Part III: The SAS/GIS Map Extraction Utility

The SAS/GIS Map Extraction Utility allows you to create SAS/GIS Maps from TIGER data included on the SAS/GIS Release 6.12 Upgrade installation CD.

The Utility was installed when the SAS/GIS Software Release 6.12 Upgrade was installed in Part I of these instructions. When you want to use the Utility to create a SAS/GIS Map, you will need access to the data on the installation CD. If you prefer, you can copy the entire \Tgrmaps directory from the installation CD to an accessible location now so that you don't have to access the CD later. The entire \Tgrmaps directory is approximately 300MB.

To copy the \Tgrmaps directory from the CD, do either of the following:

Use the Windows Explorer to drag and drop the \Tgrmaps directory from your CD drive to the location where you want to store the maps.

*or*

From a DOS window, enter the following:

```
Xcopy <cd_drive:>\Tgrmaps\*. * <hard_drive:\your_directory>\Tgrmaps /v/e/s
```

where `cd_drive` is the CD-ROM drive containing the CD, and  
`hard_drive:\your_directory` is where you want to store the maps. The `*. *` and the `/s` must be used since there are subdirectories. Xcopy will give you the following prompt:

```
Does <hard_drive:\your_directory>\Tgrmaps specify a file name or directory name  
on the target (F=file, D=directory)?
```

Enter `D` in response.

When you are ready to use the SAS/GIS Map Extraction Utility to create a SAS/GIS Map, follow these steps:

**Note:** SAS must be running to invoke the SAS/GIS Map Extraction Utility.

1. From a SAS Command Line, issue the following command:

```
AF C=SASHELP.GISIMP.TIGERCD.FRAME
```

This displays the SAS/GIS Map Extraction Utility window, in which you enter the location of the \Tgrmaps directory. If the \Tgrmaps directory was copied to an accessible location, specify that location. If not, insert the SAS/GIS Release 6.12 Upgrade installation CD into your CD-ROM drive and enter the path to it.

The first invocation of the Utility may take a few minutes since several data sets are being installed in your SASUSER library. If you do not select `UNINSTALL` from the bottom of the Utility window, subsequent invocations should be faster.

2. The `HELP` button at the bottom of the utility window provides on-line documentation for how to proceed to import the data to create a SAS/GIS Map.
3. When you perform an import, the Utility will execute some commands in the DOS window. If the SAS System option `XWAIT` is in effect, type `EXIT` in the DOS window twice to continue with the import. To avoid this, add `-NOXWAIT` to your `CONFIG.SAS` file before invoking SAS.

## Part IV: Verifying Your SAS/GIS Release Number

If you need to contact SAS Institute Technical Support, tell your consultant that you are running the SAS/GIS Software Release 6.12 Upgrade. You can confirm this by issuing the following from a SAS command line:

```
AF C=SASHELP.GIS.VERSION.SCL
```

If you are running the SAS/GIS Software Release 6.12 Upgrade, you will receive the following note in your SAS Log:

```
NOTE: SAS/GIS(r) Release 6.12 Upgrade
```