GEOCLOCK 7.5 sunlight clock for Windows. The
current sun position is displayed, and the
parts of the earth in sunlight and twilight
are highlighted, with local sunrise/set and
times around the world. A DOS version
(GEOCLK75.ZIP) is also available, and the
two versions are functionally and graphicly
similar. Over 200 maps and a spinning
globe program are available.

To install version 7.5 of GeoClock, unpack
all the files in GCKWIN75 (and GEOXTR75 or
GEOCLK75 if you have them) in a directory on
your hard disk, and run GEOCKWIN and click
FILE/SETUP to customize the program for
your location and hardware.

If you have a registered version of GeoClock and are
updating to 7.5 (DOS or Windows), you can install the
new programs over the old, or set up a new directory.
In either case, you must run the REGISTER.EXE program
from your original installation.

***** Trouble Shooting *****

Missing maps when installing update. GeoClock updates must be
installed to the same directory as the original registered copy
of GeoClock for the update to incorporate all the original
programs and maps. Reinstall.

The sun is not in the right place or local times are not correct.
This is usually caused by your PC's system clock not being set
to the correct time (check AM/PM if you are not using a 24 hour
clock), or by having a wrong or missing PCZONE command in the
GECONFIG.DAT or GEOCLOCK.INI file. Run the GeoSetup program or
the FILE/SETUP menu item to set the correct time zone.

Your home town is not displayed, or is in the wrong place, or
your local time zone is not displayed. Run the GeoSetup program
or the SETUP menu item to provide the required information. If
your city is not listed in the setup, and your zip code covers
a very large area, you might want to get your latitude and
longitude from a good atlas, your local airport or weather
station, or from the GeoClock BBS.

BuckMaster CDROM does not work with GeoClock.   Starting with the
October 1995 release, BuckMaster has changed the format of the
data files that GeoClock uses, and will not release the new
format. GeoClock does support the QRZ CDROM, which is much less
expensive and more available than the BuckMaster disk, as well
as the BuckMaster disks that contain the HAMCALL.129 file.

Out of Resources Messages (Windows only).   Some older video
drivers in 65K or higher color modes have this problem. You can
solve the problem by adding the NOGLYPH command to GEOCLOCK.INI
(use the NotePad editor if you cannot start GeoClock, or the

FILE/GEOCLOCK.INI menu item if you can), or adding NOGLYPH to the
GEOCKWIN.EXE command line.

Contrast is poor (Windows only).   Click FILE/SETUP and make sure
the proper box is checked in the Video radio box. In particular,
if you have a black/grey/white monitor, be sure the Grey box is
checked. If you have a 16 color system, check the 16 color box.

Slow updates (Windows only).   Click CONTROLS/TIME CONTROLS and
set the Foreground Update time to 0.01. The Windows version of
GeoClock is inherently much slower than the DOS version. Also,
the update time is more or less proportional to the screen area,
so making the window smaller will increase the speed.

The mouse does not function (DOS only). The mouse will not
function correctly on EGA systems, except in the distance (D) and
old zoom (Z) functions. If you have a VGA or better, make sure
you did not specify EGA when you installed GeoClock. Also, the
DOS version requires a DOS device driver (usually called
MOUSE.COM, MOUSE.EXE, or MOUSE.SYS) to be loaded in your
AUTOEXEC.BAT or CONFIG.SYS file. The mouse driver provided
automatically with Windows will not work. See section 1.5 of the
on-line help system for more information.

There is no GeoGlobe icon in GeoClock (DOS only). The GeoGlobe
icon appears while running GeoClock only if you have the optional
GeoGlobe program installed in the same directory as GeoClock, and
you are executing GEOCLK.COM (not GEOCLK.EXE).

SVGA mode does not work correctly (DOS only).   If GeoSetup does
not detect your SVGA, or does detect it but it does not run
correctly, rerun GeoSetup specifying VGA rather than SVGA and
then read section 1.4 of help.

The only limitations on the shareware version are:
The system always starts with the help menu.
A limited number of maps are available.
The advanced forms of Zoom and Distance are not available.
Local time display next to cities on the map is not available.

-- Joe Ahlgren, GeoClock, 2218 N Tuckahoe St, Arlington VA 22205
BBS 703-241-7980   CompuServe 70461,2340
Internet   geoclock@compuserve.com
Web   http://www.clark.net/pub/bblake/geoclock
Voice 703-241-2661 FAX 703-241-5809