

Installing or Updating RadMap (01/03/2013)

These instructions describe how to install the latest version of RadMap, an interactive desktop (offline) map of U.S. ambient radiation monitors that utilizes the free ArcReader software.

1. If you don't have the free ArcReader installed, go to <http://www.esri.com/arcreader> and follow the instructions there. A detailed tutorial on using ArcReader also is provided.

2. Link to <http://epa.gov/radiation/radmap> using the supplied user name and password. If you do not have a user name and password, contact Dennis Hellberg at hellberg.dennis@epa.gov or (202) 343-9366.

3. There are either one or two RadMap files to download from the EPA website, depending on whether there are updates to the monitor data:

- RadMap_[date].exe – for initial installation and occasional base data updates
- (and possibly also) RadMapUpdate_[date].exe – for monitor data updates

These files are self-extracting "zip" files. First time users will need the first file, RadMap_[date]. For updates (when available), generally only RadMapUpdate_[date] file is needed. Download the file(s) into any temporary or other folder on your desktop or intranet by right clicking on the file name and selecting Save or Copy – do NOT left click to open. The RadMap_[date] file is over 800 MB and could take close to 30 min. to download with a high speed connection or even hours with a slow connection. For first time users, you'll need about 2 GB of space initially on your computer or intranet server. After you've downloaded and installed the files (described below), you can delete the installation (.exe) files to save close to half of this space.

4. For updating just the radiation monitors data, skip to Step 5. Otherwise, locate the large RadMap_[date] self-extracting zip file on your computer and open it (double click or right click/open). Either select the default folder for the data, C:\Program Files\ArcGIS\RadMap, or select a different one (though you must use the same folder for Step 5). This could take several minutes. This file creates

install-update-01-03-13.txt

a Data subfolder with numerous subfolders and basic map and initial monitor data, and a PMF subfolder with an initial version of RadMap. Other files provided include a .pdf fact sheet on RadMap, a .pdf file with a short tutorial/user's guide, a .xls file with data field descriptions (this file also can be used as a template to send new data to EPA), and a .pdf file with a list of location data quality codes and definitions.

5. If available, open the small RadMapUpdate_[date] self-extracting zip file and select the same folder for the data as in Step 4. Usually only this file will need to be downloaded and opened for updates. This installation will replace the .pmf RadMap file in the PMF subfolder and the .mdb monitor data file in a subfolder of the Data subfolder.

6. To launch the map, open the .pmf file in the PMF folder, which should launch ArcReader – which opens the map simultaneously – or open ArcReader first and then use it to open the .pmf file.

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