

Estimation of Baseline Daily Mean Streamflows for Ungaged Locations on Pennsylvania Streams, Water Years 1960–2008

U.S. Geological Survey Scientific Investigation Report 2012–5142

Software History:

BaSE v1.1. – released August 2014 to correct a problem with the importation of the basin characteristic “Percent of basin that is impervious” from the StreamStats .mdb file.

BaSE v 1.0 – Initial release September 2012.

Citation:

Stuckey, M.H., Koerkle, E.H., Ulrich, J.E., 2012, Estimation of baseline daily mean streamflows for ungaged locations on Pennsylvania streams, water years 1960–2008: U.S. Geological Survey Scientific Investigations Report 2012-5142, 61 p. (<http://pubs.usgs.gov/sir/2012/5142/>)

Hardware and Software Requirements:

Microsoft Excel® 97-2010 (or later) and .net framework 4.0 are required on the machine running BaSE.

Installation Instructions:

From <http://pubs.usgs.gov/sir/2012/5142/>, click on the link for the Baseline Streamflow Estimator and download BaSE_v.1.0.zip. Extract the files from the zip file and save them to your computer. Install BaSE by double clicking on the file “setup.exe” (administrative privileges are not typically required to install/uninstall this application).

To launch BaSE, double click on the shortcut created on your desktop. The program will also be found in your start menu in a folder named “USGS PA WSC”.

Example data:

Enclosed in the zip file is an example output from StreamStats, “Test1_Basin.mdb” that can be used to run in BaSE.

User’s manual:

Appendix 5 from USGS Scientific Investigations Report 2012-5142 (<http://pubs.usgs.gov/sir/2012/5142/>).

Note: Internet links are valid as of July 2012 but may become obsolete with time.

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