HEC-DSSVUE

Model Uses   Store and retrieve scientific data that is typically sequential in nature. Examples include time series data, curve data, etc.

Major Categories	Hydrology and Water Use	<u>**Subject Knowledge Level**</u> Intermediate
Minor Categories	Flood; Flow; Run-off; Temperature	<u>**Technical Difficulty Level**</u> Intermediate
Model Type	Data Analysis Package	<u>**Geographic in Nature?**</u> No

Abstract
HEC-DSSVue is a Java-based visual utilities program that allows users to plot, tabulate, edit, and manipulate data in a HEC-DSS database file. The graphics produced by HEC-DSSVue are highly customizable and can be saved in various formats, including ".jpg" and ".png" (portable network graphics), or for printing or copying to the clipboard for inclusion in reports. HEC-DSSVue incorporates over fifty mathematical functions that were available in the DSSMATH program. Along with these functions, HEC-DSSVue provides several utility functions that provide a means to enter data sets into a database, rename data set names, copy data sets to other HEC-DSS database files, and delete data sets.

The HEC Data Storage System, or HEC-DSS, is a database system designed to efficiently store and retrieve scientific data that is typically sequential. Such data types include, but are not limited to, time series data, curve data, spatial-oriented gridded data, textual data (such as this manual), and others.
The system was designed to make it easy for users and application programs to retrieve and store data.

Future Developments
No future developments planned at this time.

Patched versions of the program are generally provided on the application web site every 2-3 months, unless a significant error is found. If you need a version later than the one provided, or you would like to test a beta copy of a new version, or you have a bug report, please send a request to: HECDSS@usace.army.mil

Model Limitations
None noted

Model Features
- Database or Data Storage System that allows for rapid storage and retrieval of scientific data.

- Over 50 mathematical functions that came from DSSMath.

- General Database management, including naming, renaming, copying, deleting and exporting of data sets and records and entry of new information.

Required Data Types
Ideal for Time Series Data, Curve Data, Spatial-Oriented Gridded Data, Textual Data

Model Outputs
.PNG or .JPG image files

Clipboard copying available

Source
US Army Corps of Engineers

Source (URL)
http://www.hec.usace.army.mil/software/hec-dss/hecdssvue-dssvue.htm

Hardware Requirements
For optimum performance, make sure that your computer has at least the minimum required hardware before you install the HEC-DSSVue software.

This version of HEC-DSSVue will run on a microcomputer that has the following:

Microcomputer with a Pentium II (or equivalent) processor or higher;

A hard disk with at least 30 megabytes (MB) of free space.

A CD-ROM drive.

A minimum of 48 MB of RAM.

Software Requirements
None.

Application was written JAVA to cross platforms.

Cost, Licensing and Availability
Free.

USACE typically does not provide support to non corps users. For questions or comments, please email HECDSS@usace.army.mil.

Supported Platforms

DOS	☒	**UNIX**	☒
Windows	☐	**Macintosh**	☐