

HEC-DSSVue Version 2.0 Update 1 Changes (from Version 2.0)

1. Gridded data sets that have a start time of 0000 may show no data found. (The time was being set at 2400 hours for the day before.)
2. If the data units for gridded data were not recognized, the data would not be drawn.
3. If all plug-ins were removed, or certain plug-ins were removed, HEC-DSSVue would not start. The program was looking for a class found in the some of the plug-ins and would stop if not found.
4. In the edit properties dialog for Y Marker labels for graphs, the right and center position were switched.
5. If data was exported to SHEF and crossed from 1999 to 2000, the century was not being updated for the 2000+ data (and would show up as 1900).
6. Changed the number of paired data curves that could be stored in one record to 50 (was 25).
7. In the Math Functions module, when changing the time interval of PER-CUM data to a smaller interval, the first value could be treated as INST-VAL and be computed with linear interpolation instead of a constant for that period.
8. When editing irregular interval time series data, if you went in and out of edit mode, additional lines were added to the table and could give an error message of “Invalid Date / Time” for those lines when the data set was saved.
9. Activated ability to show data in different time zones and unit systems. This option is under the View menu. The DSS data must have a time zone associated with it to view in a different time zone. (The time zone set is shown in supplemental information.)
10. Added a plug-in to set or change time zones in data records. The plug-in is in the “other_plugins” directory and needs to be moved to the “plugins” directory to activate. Access to this plug-in will be under the Tools menu.
11. In the Math time transformation functions, under certain circumstances, a missing data value at the beginning of a data set could be used during interpolation computing an erroneous value. The missing data flag is negative largest float value, so this case would be very apparent.
14. SHEF data sets not being correctly reset when multiple SHEF files were imported.
15. Close DSS File(s) menu item not functional (reopened files after closing).

16. When there were two viewports in a graph and the bottom one was removed, the X axis units would disappear.
17. Re-implemented IDA (Instantaneous Data Archive; historical hourly data) in the USGS plug-in.
18. Fixed an issue where the File Integrity progress box would not close after the process had completed.