
Appendix: HEC-DSS Input Type

2008-09-03

Overview

HEC-DSS input type refers to the United States Army Corps of Engineers' Hydrologic Engineering Center (HEC) Data Storage System (DSS). Refer to the following web site for more information, including full documentation:

<http://www.hec.usace.army.mil>

TSTool features to read/write time series from HEC-DSS files are under development and should be considered experimental at this time.

HEC-DSS Files and Standard Time Series Properties

The standard time series identifier for HEC-DSS files is of the form:

`Location.HEC-DSS.DataType.Interval.Scenario~HEC-DSS~PathToFile`

HEC-DSS time series identifier information is taken from the A-F “parts”. The following assignments are made:

- The location part of the identifier is set to the A-part, a dash, and the B-part.
- The data source part of the identifier is set to HEC-DSS.
- The data type is set to the C-part.
- The data interval is set to the E-part.
- The scenario is set to the F-part.
- The data units are determined from time series information.
- The D-part is initially used to assign the start date, but is reset with information from the time series, if available.
- The “tag” is currently not assigned to the alias but may be assigned in the future.
- The missing data value is assigned to -999.
- The description is set to the location, a comma, followed by the data type.

Limitations

Because HEC-DSS implementation is at a prototype level, limitations have not been fully evaluated.

This page is intentionally blank.