Command Reference: ReadHecDss()

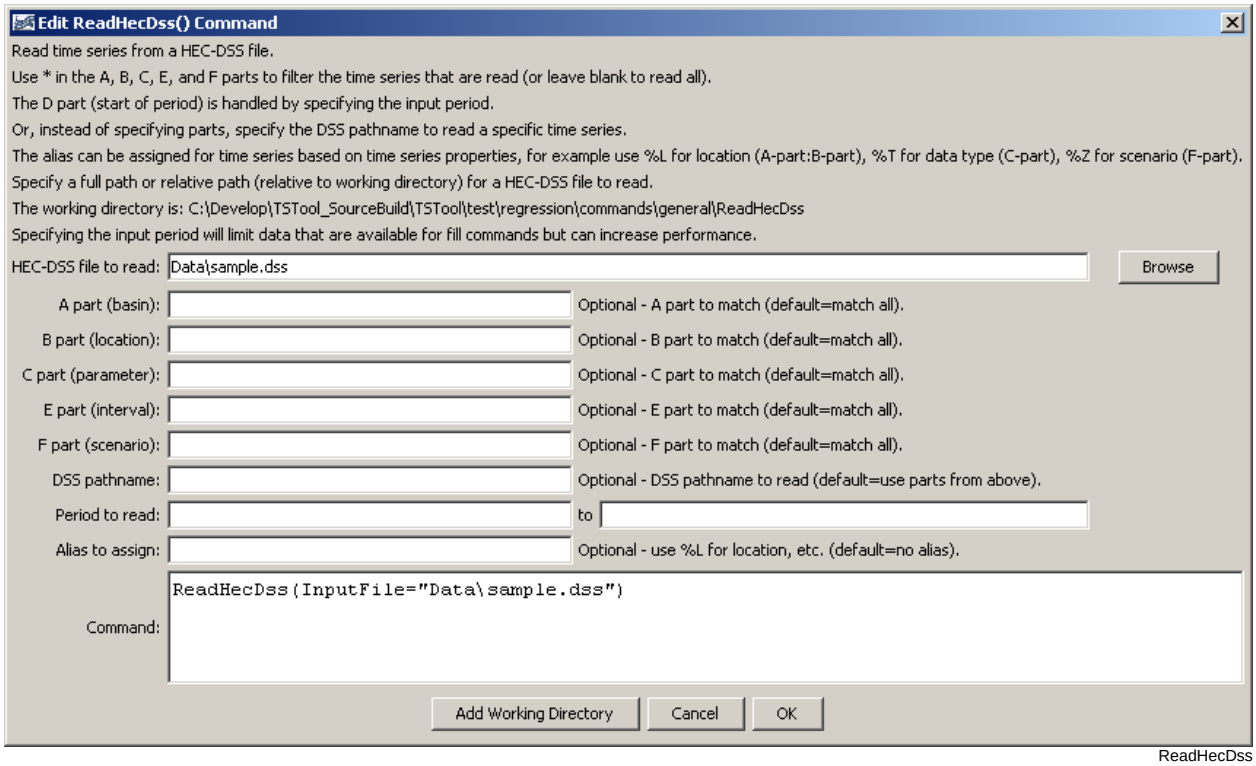
Read time series from a HEC-DSS File

Version 09.03.00, 2009-04-10

The `ReadHecDss()` command reads time series from a HEC-DSS file. See the **HEC-DSS Input Type Appendix** for information about how time series properties are assigned using HEC-DSS file data. Current limitations for the command include:

- Irregular time series cannot be read.
- HEC-DSS uses times through 2400. However, TSTool will convert this to 0000 of the next day. Year, month, and day data are not impacted.

The following dialog is used to edit the command and illustrates the syntax for the command. In the future, it is envisioned that choices for A – F parts will be made available using data from the file.



ReadHecDss

ReadHecDss() Command Editor

The command syntax is as follows:

```
ReadHecDss(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
InputFile	The name of the HEC-DSS input file to read, surrounded by double quotes to protect whitespace and special characters.	None – must be specified.
A	The A part (basin name) to match, using * as a wildcard. The location part of the TSTool time series identifier is set to A:B.	Match all.
B	The B part (location) to match, using * as a wildcard. The location part of the TSTool time series identifier is set to A:B.	Match all.
C	The C part (parameter) to match, using * as a wildcard. The TSTool data type is set to this value.	Match all.
E	The E part (interval) to match, using * as a wildcard.	Match all.
F	The F part (scenario) to match, using * as a wildcard.	Match all.
InputStart	Starting date/time to read data, in precision consistent with data.	Read all data.
InputEnd	Ending date/time to read data, in precision consistent with data.	Read all data.
Alias	Alias to assign to the output time series. See the LegendFormat property described in the **TSView Time Series Viewing Tools** appendix. For example, %L is full location, %T is data type (parameter in HEC-DSS notation), %I is interval, and %Z is scenario.	None is assigned. However, if the location contains periods that are in conflict with time series identifier conventions, the alias is set to the identifier with periods, and the periods are replaced with spaces in the full time series identifier.

A sample command file is as follows:

```
ReadHecDss(InputFile="sample.dss",InputStart="1992-01-01",
  InputEnd="1992-12-31",Alias="%L_%T_%Z")
```