
Command Reference: TS Alias = readUsgsNwis()

Read a single time series from a USGS NWIS file

Version 06.10.08, 2005-09-22, Color, Acrobat Distiller

The `TS Alias = readUsgsNwis()` command reads a single time series from a USGS NWIS file (see the **USGSNWIS Input Type Appendix**) and assigns an alias to the result. Currently only the daily streamflow format is supported and the file being read **must contain only one time series**.

The following dialog is used to edit the command and illustrates the syntax.

Edit TS X = readUsgsNwis() Command

Read a single time series from a USGS NWIS format file (currently only daily streamflow is supported).
Specify a full path or relative path (relative to working directory) for a USGS NWIS file to read.
Specifying the period will limit data that are available for fill commands but can increase performance.
If not specified, the period defaults to the query period.

The working directory is: J:\CDSS\develop\Apps\TSTool\test\Commands\TSX_readUsgsNwis

Time Series Alias:

USGS NWIS File to Read:

Period to Read: to

Command:

TS_readUsgsNwis

TS Alias = readUsgsNwis() Command Editor

The command syntax is as follows:

```
TS Alias =  
readUsgsNwis (InputFile,TSID,NewUnits,InputStart,InputEnd)
```

Command Parameters

Parameter	Description	Default
Alias	Alias for the new time series that is read from the file, which can be used instead of the TSID in other commands.	None – must be specified.
InputFile	The name of the USGS NWIS file to read, surrounded by double quotes. The path to the file can be absolute or relative to the working directory. The Browse button can be used to select the file to read (if a relative path is desired, remove the leading path after the select).	None – must be specified.
InputStart	The start of the period to read data – specify if the period should be different from the global query period.	Use the global query period.
InputEnd	The end of the period to read data – specify if the period should be different from the global query period.	Use the global query period.

A sample commands file is as follows:

```
TS tsl = readUsgsNwis("G03451500.txt",*,*)
```