
Command Reference: ReadUsgsNwisRdb()

Read a single time series from a USGS NWIS RDB file

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The `ReadUsgsNwisRdb()` command reads a single time series from a USGS NWIS RDB file (see the **UsgsNwisRdb Input Type Appendix**) and assigns an alias to the result. This command replaces the older `ReadUsgsNwis()` command – legacy `ReadUsgsNwis()` commands are automatically translated to `ReadUsgsNwisRdb()` commands. Currently only the daily streamflow format is supported and the file being read **must contain only one time series**. The data type is assigned as `Streamflow`, with units `CFS`. See also the `WebGet()` command, which can be used to retrieve data files from the USGS website. See also the `ReadUsgsNwisDaily()` and `ReadWaterML()` commands.

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

Edit ReadUsgsNwisRdb() Command

Read a single time series from a USGS NWIS RDB format file. Currently only daily streamflow is supported.
Specify a full path or relative path (relative to working directory) for a USGS NWIS RDB 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 global input period, or read all.
The working directory is: C:\Develop\TSTool_SourceBuild\TSTool\test\regression\commands\general\ReadUsgsNwisRdb

USGS NWIS RDB file to read:

Alias to assign: Insert: Required - use %L for location, etc.

Input start: Optional - overrides the global input start.

Input end: Optional - overrides the global input end.

Command:

```
ReadUsgsNwisRdb (InputFile="Data\ G03451500.txt", Alias="nwis")
```

ReadUsgsNwisRdb() Command Editor

ReadUsgsNwisRdb

The command syntax is as follows:

```
ReadUsgsNwisRdb( Parameter=Value ,... )
```

The following legacy command syntax is updated to the above syntax when a command file is read:

```
TS Alias = ReadUsgsNwis ( Parameter=Value ,... )
```

Command Parameters

Parameter	Description	Default
InputFile	The name of the USGS NWIS RDB file to read, surrounded by double quotes. The path to the file can be absolute or relative to the working directory.	None – must be specified.
Alias	The alias to assign to the time series, as a literal string or using the special formatting characters listed by the command editor. The alias is a short identifier used by other commands to locate time series for processing, as an alternative to the time series identifier (TSID).	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 command file is as follows:

```
ReadUsgsNwisRdb( Alias="ts1" , InputFile="G03451500.txt" )
```