
Command Reference: ReadRiverWare()

Read a single time series from a RiverWare file

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The `ReadRiverWare()` command reads a single time series from a RiverWare file (see the **RiverWare Input Type Appendix**) and assigns an alias to the result.

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

Edit ReadRiverWare() Command

Read a single time series from a RiverWare time series file.
It is assumed that the filename follows the convention `ObjectName.SlotName`.
The `ObjectName` and `SlotName` will be used for the time series identifier location and data type, respectively.
Specify a full path or relative path (relative to working directory) for a RiverWare 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.
The working directory is: `C:\Develop\TSTool_SourceBuild\TSTool\test\regression\UserManualExamples\TestCases\CommandReference\ReadRiverWare`

RiverWare 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:

```
ReadRiverWare (Alias="ts1", InputFile="SouthHolstonData.SOGPoolElevation")
```

ReadRiverWare

ReadRiverWare() Command Editor

The command syntax is as follows:

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

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

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

Command Parameters

Parameter	Description	Default
InputFile	The name of the RiverWare 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.
Units	The units for the time series. The data values will be converted to these units. TSTool by default understands certain units abbreviations and attempting to convert to or from unknown units may not be possible. The ability to handle user-defined units is being evaluated. See the <code>Scale()</code> and <code>ConvertDataUnits()</code> commands.	Use the units read from the file. This parameter is not yet enabled.
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:

```
ReadRiverWare (Alias="ts1", InputFile="SouthHolstonData.SOGPoolElevation")
```