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# Command Reference: TS Alias = ReadRiverWare()

Read a single time series from a RiverWare file

Version 08.16.04, 2008-09-09

The `TS Alias = 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 TS Alias = 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.

Specifying units causes conversion during the read (new units must be understood by TSTool). See also `Scale()` and `ConvertDataUnits()`.

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_Alias`

Time series alias:

RiverWare file to read:

Units to convert to:

Period to read:  to

Command:

```
TS ts1 = ReadRiverWare(InputFile="SouthHolstonData.SOGPoolElevation")
```

ReadRiverWare\_Alias

**TS Alias = ReadRiverWare() Command Editor**

The command syntax is as follows:

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

#### 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 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.
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 Scale() and ConvertDataUnits() commands.	Use the units read from the file.
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:

```
TS ts1 = ReadRiverWare(InputFile="SouthHolstonData.SOGPoolElevation")
```