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# Command Reference: WriteRiverWare()

## Write time series to a RiverWare format file

Version 08.15.00, 2008-05-12

The `WriteRiverWare()` command writes one time series to the specified RiverWare format file. See the **RiverWare Input Type Appendix** for more information about the file format.

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

**Edit WriteRiverWare() Command**

Write time series to a RiverWare format file, which can be specified using a full or relative path (relative to the working directory).  
The working directory is: C:\Develop\TSTool\_SourceBuild\TSTool\test\regression\UserManualExamples\TestCases\CommandReference\WriteRiverWare  
It is recommended that the file name follow the convention ObjectName.SlotName.  
The time series to process are indicated using the TS list.  
If TS list is "AllMatchingTSID", pick a single time series, or enter a wildcard time series identifier pattern.  
Only the first time series will be written (limitation of file format).

TS list:  How to get the time series to write (default=AllTS).

Identifier (TSID) to match:

RiverWare file to write:

Units:  Default is time series units. Data are not converted.

Scale:  The default is 1.

Set\_units:  The default is to not write.

Set\_scale:  The default is to not write.

Precision:  Number of digits after decimal (default=4).

Command: 

```
WriteRiverWare(TSList=AllTS,OutputFile="08213500.Month.RiverWare",Precision=2)
```

WriteRiverWare

**WriteRiverWare() Command Editor**

The command syntax is as follows:

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

### Command Parameters

Parameter	Description	Default
TSList	Indicate how to determine the list of time series to process (only first one is written), one of: <ul style="list-style-type: none"> <li>AllMatchingTSID – process time series that have identifiers matching the TSID parameter.</li> <li>AllTS – process all the time series.</li> <li>SelectedTS – process the time series that are selected (see <code>SelectTimeSeries()</code>).</li> </ul>	None – must be specified.
TSID	Used if TSList=AllMatchingTSID to indicate the time series identifier or alias for the time series to be filled. Specify * to match all time series or use a wildcard for one or more identifier parts.	Required if TSList=AllMatchingTSID.
OutputFile	The RiverWare file to write. The path to the file can be absolute or relative to the working directory. The <b>Browse</b> button can be used to select the file to write (if a relative path is desired, delete the leading path after the select).	None – must be specified.
Units	The data units to be output. Specify units that are recognized by RiverWare – the units are not actually converted but the new units string is used in the output file.	Use the units in the time series.
Scale	See the <b>RiverWare Input Type Appendix</b> .	1
Set_units	See the <b>RiverWare Input Type Appendix</b> .	Set_units are not output.
Set_scale	See the <b>RiverWare Input Type Appendix</b> .	Set_scale are not output.
Precision	The number of digits after the decimal to write.	4

A sample command file to write data from the State of Colorado's HydroBase is as follows:

```
# 08213500 - RIO GRANDE RIVER AT THIRTY MILE BRIDGE NEAR CREEDE
08213500.DWR.Streamflow.Month~HydroBase
WriteRiverWare(TSList=AllTS,OutputFile="08213500.Month.RiverWare",Precision=2)
```