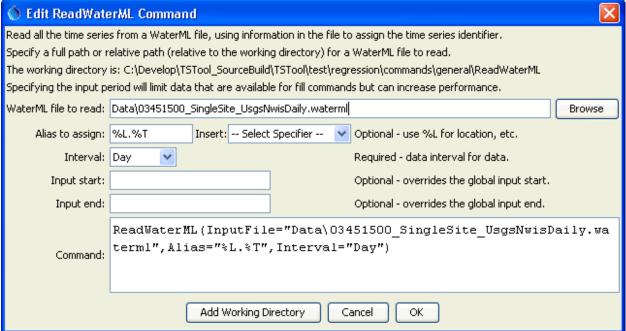# Command Reference: ReadWaterML()

Read 1+ time series from a WaterML file

Version 10.05.00, 2012-03-06

The `ReadWaterML()` command reads one or more time series from a WaterML XML time series file (see the **WaterML Input Type Appendix**) and optionally assigns an alias to the result. WaterML version 1.1 is supported. WaterML files can be created using the `ReadUsgsNwisDaily()`, `ReadWaterOneFlow()`, and `WriteWaterML()` commands, and can be saved from web sites that provide WaterML using the `WebGet()` command. This command may be enhanced in the future to read a subset of the time series in the WatermL file.

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

ReadWaterML() Command Editor

The command syntax is as follows:

```
ReadWaterML(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
InputFile	The name of the WaterML file to read. 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).	No alias is assigned.
Interval	The data interval for the file, necessary because WaterML 1.1 does not have a data element indicating the interval (time step for the data) and using irregular by default would be inefficient for data management. This issue is being further evaluated.	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.