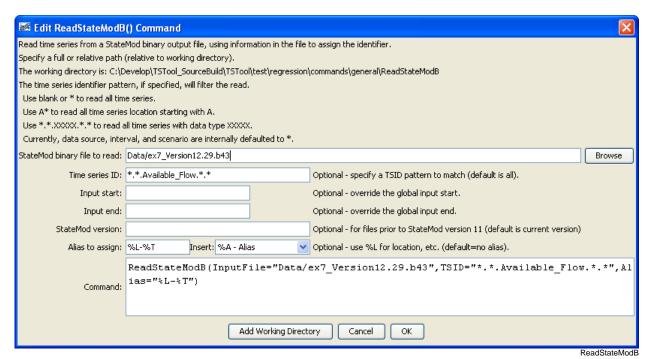
## Command Reference: ReadStateModB()

Read time series from a StateMod binary output time series file

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The ReadStateModB() command reads time series from a StateMod binary output time series file (see the **StateModB Input Type Appendix**). The identifiers (or aliases) from the time series will be available as choices when editing other commands. If this causes performance issues due to the large number of time series that may be read, limit the time series that are read using the TSID parameter.

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



ReadStateModB() Command Editor

The command syntax is as follows:

ReadStateModB(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
InputFile	The name of the StateMod binary time series file to read, surrounded by double quotes. The path to the file can be absolute or relative to the working directory. Global property values can be inserted using the syntax \${PropertyName} (see also the SetProperty() command).	None – must be specified.
TSID	Time series identifier pattern to filter the read.	Read all time series.
InputStart	The starting date/time to read data, specified to Day or Month precision based on whether a daily or monthly model run.	Read all data.
InputEnd	The ending date/time to read data, specified to Day or Month precision based on whether a daily or monthly model run.	Read all data.
Version	StateMod version number corresponding to the file, necessary because the file version number (and consequently parameters) cannot be automatically detected in older versions. Changes in binary file format occurred with version 9.01 and 9.69, mainly to add new data types. The StateMod file version for version 11+ is automatically detected.	Detect from the file if possible.
Alias	The alias to assign to the time series that are read. Use the format choices and other characters to define a unique alias.	No alias is assigned.

The following example command file illustrates how to read all Available\_Flow time series for identifiers starting with 44 (e.g., to extract all such time series for a water district):

```
ReadStateModB(InputFile="..\StateMod\ym2002b.b43",TSID="44*.*.Available_Flow.*")
```

The following example illustrates how to read all time series from a binary file that was created with StateMod version 9.53. As shown in the example, debug can be turned on for the log file to evaluate issues with the file format.

```
StartLog(LogFile="commands.TSTool.log")
SetDebugLevel(0,1)
ReadStateModB(InputFile="COLOFB.B43", Version="9.53")
```