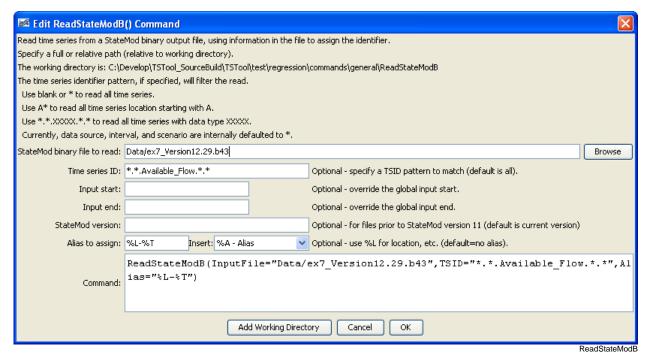
Command Reference: ReadStateModB()

Read time series from a StateMod binary output time series file

/ersion 09.06.00, 2010-01-05

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	None – must be
	to read, surrounded by double quotes. The path to	specified.
	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).	
TSID	Time series identifier pattern to filter the read.	Read all time series.
	Use periods to indicate separate TSID parts and	
	use * to match patterns within the parts.	
InputStart	The starting date/time to read data, specified to	Read all data.
	Day or Month precision based on whether a	
	daily or monthly model run.	
InputEnd	The ending date/time to read data, specified to	Read all data.
	Day or Month precision based on whether a	
	daily or monthly model run.	
Version	StateMod version number using the form NN.NN	Detect from the file if
	(padded with leading zero for version 9)	possible.
	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.	
Alias	The alias to assign to the time series that are read.	No alias is assigned.
	Use the format choices and other characters to	
	define a unique alias.	

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="09.53")
```