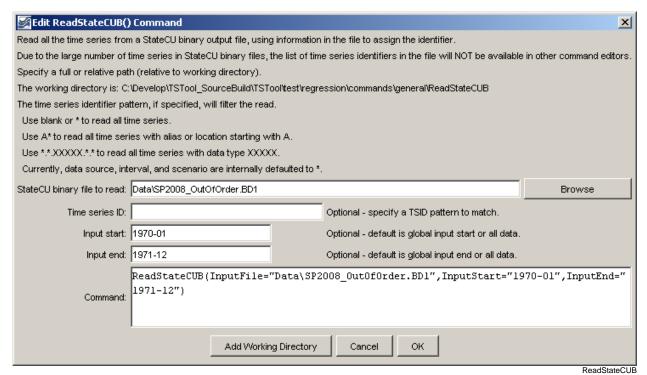# Command Reference: ReadStateCUB()
Read time series from a StateCU binary output time series file
Version 08.17.00, 2008-10-02

The `ReadStateCUB()` command reads time series from a StateCU binary output time series file (see the **StateCUB Input Type Appendix**). The actual reading occurs as the commands are being processed. For this reason and because the number of time series in the binary file is usually large, if any other commands reference the StateCU binary file time series, the time series identifiers must be specified manually or use wildcards in identifiers (identifiers are not available to list in dialogs). Only data types that contain floating point numbers will be read.

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

ReadStateCUB

ReadStateCUB() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
InputFile	The name of the StateCU binary time series 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.
TSID	Time series identifier pattern to filter the read.	Read all time series.
InputStart	The starting date/time to read data, specified to Month precision.	Read all data.
InputEnd	The ending date/time to read data, specified to Month precision.	Read all data.

The following example command file illustrates how to read all CU Shortage time series:

```
ReadStateCUB(InputFile="Data\farmers.BD1",TSID="*.*.CU Shortage.*.*")
```

The following example illustrates how to read all time series from a binary file with debug turned on to echo all information that is read.

```
StartLog(LogFile="commands.TSTool.log")
SetDebugLevel(LogFileLevel=1)
ReadStateCUB(InputFile="Data\farmers.BD1")
```