
Command Reference: readStateCU()

Read all the Time Series from a StateCU Time Series or Report File

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The `readStateCU()` command reads all the time series in a StateCU time series file (e.g., frost dates) or report file (e.g., IWR, WSL) into memory (see the **StateCU Input Type Appendix**). The actual reading occurs as the commands are being processed. Therefore, if any other commands reference the StateCU time series, the time series identifiers must be specified manually or use wildcards in identifiers (identifiers are not available to list in dialogs like other time series specified with identifiers). The following dialog is used to edit the command and illustrates the syntax for the command.

Edit readStateCU() Command

Read 1+ (or all) time series from a StateCU IWR or WSL report file, using data in the file to assign the identifier.
Specify a full or relative path (relative to working directory).
The working directory is: J:\CDSS\develop\apps\TSTool\test\Commands\readStateCU\TSTool
The time series identifier pattern, if specified, will filter the read;
specify blank to read all or use * wildcards to match a time series identifier.
For example, to read all monthly IWR time series for locations starting with ABC, specify:
ABC.*IWR.Month
Location can be X, X*, or *. Data type and interval can be * or combinations as follows:
CropArea-AllCrops Year
IWR or WSL Month, Year
IWR_Depth or WSL_Depth Month, Year

StateCU file to read:

Time series ID: Loc.Source.Type.Interval

Command:

readStateCU

readStateCU() Command Editor

The command syntax is as follows:

```
readStateCU(param=value,...)
```

Command Parameters

Parameter	Description	Default
InputFile	The name of the StateCU time series or report file to read, surrounded by double quotes. The path to the file can be absolute or relative to the working directory. The Browse button can be used to select the file to read (if a relative path is desired, remove the leading path after the select).	None – must be specified.
TSID	A time series identifier pattern that will be used to filter the list of time series that are read. See the figure above for examples.	Read all time series.

A sample commands file is as follows:

```
readStateCU( "..\StateCU\ym2004.iwr" )
```