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# Command Reference: WriteCropPatternTSToStateCU()

Write crop pattern time series data to a StateCU file

## StateCU Command

Version 3.09.01, 2010-02-01

The `WriteCropPatternTSToStateCU()` command writes crop pattern time series to the StateCU crop pattern file. A number of parameters are available to control the format and content of output.

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

**Edit WriteCropPatternTSToStateCU() Command**

This command writes crop pattern time series to a StateCU crop pattern time series file.  
It is recommended that the file be specified using a path relative to the working directory.  
The working directory is: C:\Develop\StateDMI\_SourceBuild\StateDMI\test\regression\UserManualRef\ReadCropPatternTSFromHydroBase  
The default is to write the total for each location and fraction for each crop.  
Specifying a value of True for WriteCropArea will write the fraction and corresponding area.  
The default value for "Write how" is OverwriteFile, which will create a new file, overwriting an old file if it exists.

StateCU crop pattern file:

Output start (year):   
Optional - output start year as 4-digits (default=output all).

Output end (year):   
Optional - output end year as 4-digits (default=output all).

Write crop area:   
Optional - writes crop area in addition to fraction of total (default=True).

Write only total:   
Optional - write only total, not each crop (default=False).

Version:   
Optional - StateCU version for format (default=most current).

Write how:   
Optional - indicate whether to overwrite/update (default=OverwriteFile).

Command:

WriteCropPatternTSToStateCU

## WriteCropPatternTSToStateCU() Command Editor

The command syntax is as follows:

```
WriteCropPatternTSToStateCU(Parameter=Value,...)
```

#### Command Parameters

Parameter	Description	Default
OutputFile	The name of the output file to write, surrounded by double quotes.	None – must be specified.
OutputStart	The starting year for output.	Write the full period.
OutputEnd	The ending year for output.	Write the full period.
WriteCropArea	If specified as True, the crop area for each crop will be written in addition to the percentage of the total area. This is being phased in as a feature of StateCU and this parameter may be removed in the future.	True
WriteOnlyTotal	If specified as True, only the total for the location will be written. This is useful if it is desired to generate an annual total time series file.	False
Version	Indicate the StateCU version file format. An older version format may need to be written when modifying older data sets or comparing current and previous data sets.	Write the must current StateCU version's format.
WriteHow	OverwriteFile if the file should be overwritten or UpdateFile if the file should be updated, resulting in the previous header being carried forward.	OverwriteFile