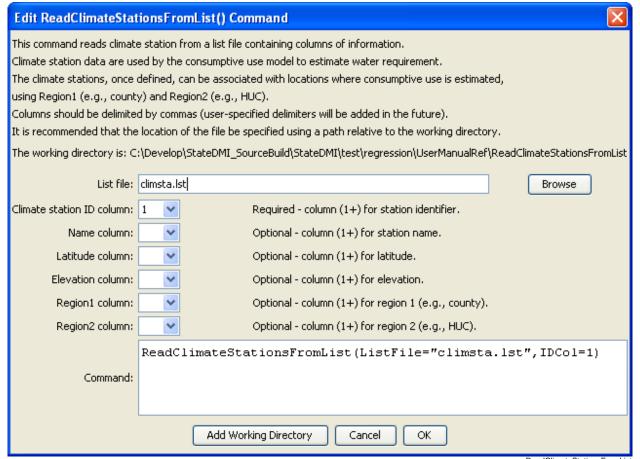
## Command Reference: ReadClimateStationsFromList()

## Read climate station data from a list file to define climate stations

StateCU Command

Version 03.08.02, 2010-01-05

The ReadClimateStationsFromList() command reads a list of climate stations from a delimited list file and defines climate stations in memory. The climate stations can then be manipulated and output with other commands. The following dialog is used to edit the command and illustrates the syntax of the command.



ReadClimateStationsFromList() Command Editor

ReadClimateStationsFromList

The command syntax is as follows:

ReadClimateStationsFromList(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
ListFile	The name of the list file to be read.	None – must be specified.
IDCol	The column number (1+) containing the	None – must be specified.
	climate station identifiers.	
NameCol	The column number (1+) containing the	None – optional (name will be
	climate station name.	initialized to blank).
LatitudeCol	The column number (1+) containing the	None – optional (latitude will be
	climate station latitude.	initialized to missing data).
ElevationCol	The column number (1+) containing the	None – optional (elevation will
	climate station elevation.	be initialized to missing data).
Region1Col	The column number (1+) containing the	None – optional (Region1 will be
	climate station Region1.	initialized to blank).
Region2Col	The column number (1+) containing the	None – optional (Region2 will be
	climate station Region2.	initialized to blank).

At a minimum, the list file must contain a column with station identifiers. Lines starting with the # character are treated as commas. Column names can be specified in the first non-comment line by enclosing each column name in quotes.

An example list file is shown below, for example created from CDSS TSTool software:

```
# Climate stations
"ID", "Name"

0130, "ALAMOSA SAN LUIS VALLEY RGNL"

0776, "BLANCA"

1458, "CENTER 4 SSW"

2184, "DEL NORTE 2 E"

3541, "GREAT SAND DUNES N M"

3951, "HERMIT 7 ESE"

5322, "MANASSA"

5706, "MONTE VISTA 2 W"

7337, "SAGUACHE"
```

The following example command file illustrates how climate stations can be defined from a list and written to a StateCU file:

```
ReadClimateStationsFromList(ListFile="climsta.lst",IDCol=1)
FillClimateStationsFromHydroBase(ID="*")
SetClimateStation(ID="3016",Region2="14080106",IfNotFound=Warn)
SetClimateStation(ID="1018",Region2="14040106",IfNotFound=Warn)
SetClimateStation(ID="1928",Elevation=6440,IfNotFound=Warn)
SetClimateStation(ID="0484",Region1="MOFFAT",IfNotFound=Add)
WriteClimateStationsToStateCU(OutputFile="COclim2006.cli")
```