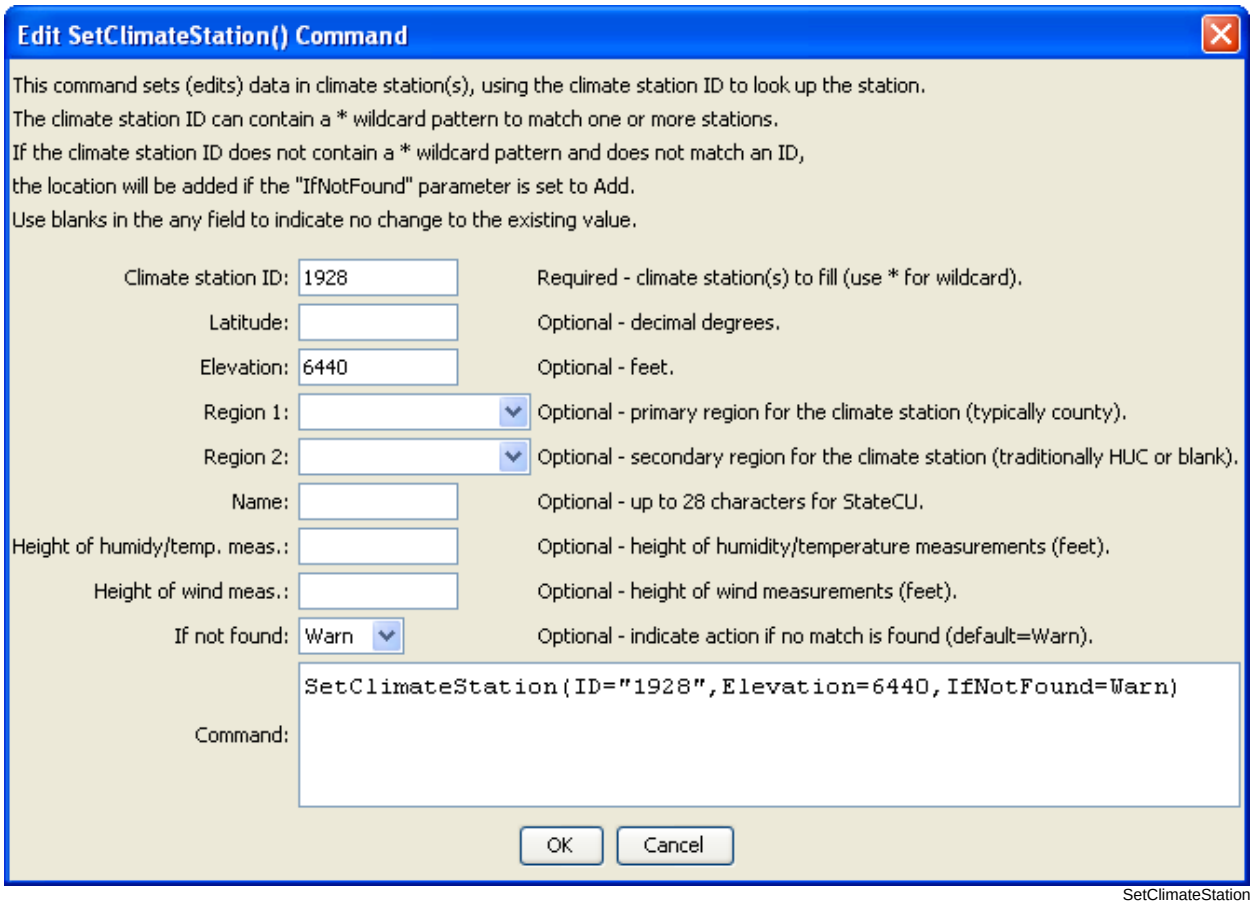
Command Reference: SetClimateStation()

Set climate station data

StateCU Command

Version 03.12.00, 2011-01-17

The `SetClimateStation()` command sets data in existing climate stations or adds a new climate station. The following dialog is used to edit the command and illustrates the syntax of the command.



SetClimateStation

SetClimateStation() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
ID	A single climate station identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
Latitude	The climate station latitude to be assigned for all matching climate stations.	If not specified, the original value will remain.
Elevation	The climate station elevation to be assigned for all matching climate stations.	If not specified, the original value will remain.
Region1	The climate station Region1 (typically county) to be assigned for all matching climate stations.	If not specified, the original value will remain.
Region2	The climate station Region2 (typically the HUC basin) to be assigned for all matching climate stations.	If not specified, the original value will remain.
Name	The climate station name to be assigned for all matching climate stations.	If not specified, the original value will remain.
HeightHumidityMeas	The height of humidity and temperature measurements (feet), only used with daily analysis.	If not specified, the original value will remain.
HeightWindMeas	The height of wind measurements (feet), only used with daily analysis.	If not specified, the original value will remain.
IfNotFound	Used for error handling, one of the following: • Add – add the climate station if the ID is not matched and is not a wildcard • Fail – generate a failure message if the ID is not matched • Ignore – ignore (don't add and don't generate a message) if the ID is not matched • Warn – generate a warning message if the ID is not matched	Warn

The following example command file illustrates how climate stations can be defined 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")
```