
Command Reference: FillClimateStationsFromHydroBase()

Fill climate station data from HydroBase

StateCU Command

Version 3.08.02, 2010-01-05

The `FillClimateStationsFromHydroBase()` command fills missing data in existing climate stations, using HydroBase for data. The following dialog is used to edit the command and illustrates the syntax of the command.

Edit FillClimateStationsFromHydroBase() Command

This command fills missing data in climate stations using data from HydroBase.
The following values from HydroBase are set if missing in a climate station:

- Name
- Latitude
- Elevation (feet)
- Region1 (currently can only be a county)
- Region2 (currently can only be a Hydrologic Unit Code, HUC)

Station ID: Required - specify the stations to fill (use * for wildcard).

If not found: Optional - indicate action if no match is found (default=Warn).

Command:
`FillClimateStationsFromHydroBase (ID="*")`

OK Cancel

FillClimateStationsFromHydroBase

FillClimateStationsFromHydroBase() Command Editor

The command syntax is as follows:

```
FillClimateStationsFromHydroBase (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.
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none"> Fail – generate a failure message if the climate station is not found Ignore – ignore (don't generate a message) if the climate station is not found Warn – generate a warning message if the climate station is not found 	Warn

The following example command file illustrates how climate stations can be defined, filled from HydroBase, 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")
```