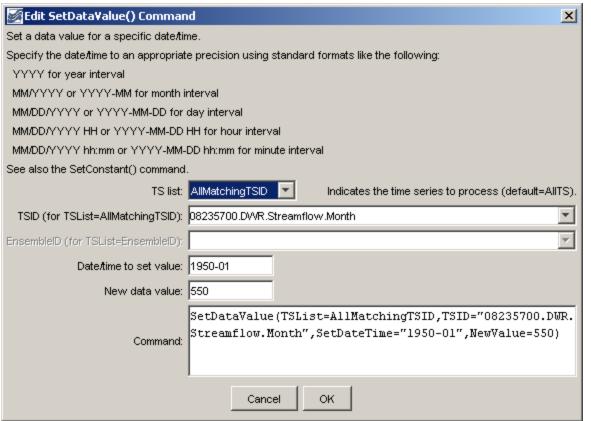# Command Reference: SetDataValue()

Set a data value at a single date/time

Version 08.16.04, 2008-09-12

The `SetDataValue()` command sets a single data value in a time series. Consequently, it can be used to condition a value for subsequent filling (e.g., with `FillRepeat()`) or to "hard-code" data that may not be available in files or databases.   **It is good practice to insert comments when editing data to explain the edits.** See also the `SetConstant()` command.

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

SetDataValue

SetDataValue() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
TSID	The time series identifier or alias for the time series to be modified.	None – must be specified.
SetDateTime	The date/time at which the data value should be set. Specify the date/time precision according to the time series that is being manipulated.	None – must be specified.
NewValue	The new data value.	None – must be specified.

A sample command file to process data from the State of Colorado's HydroBase database is as follows:

```
# 08235700 - ALAMOSA RIVER BELOW CASTLEMAN GULCH NEAR JASPER
08235700.DWR.Streamflow.Month~HydroBase
SetDataValue(TSList=AllMatchingTSID,TSID="08235700.DWR.Streamflow.Month",
  SetDateTime="1950-01",NewValue=550)
```