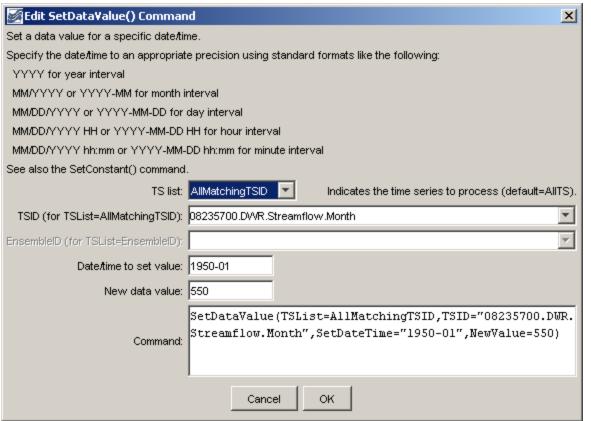
Command Reference: SetDataValue()

Set a data value at a single date/time

/ersion 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() Command Editor

SetDataValue

The command syntax is as follows:

SetDataValue(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
TSList	 Indicates the list of time series to be processed, one of: AllMatchingTSID – all time series that match the TSID (single TSID or TSID with wildcards) will be modified. AllTS – all time series before the command. EnsembleID – all time series in the ensemble will be modified. FirstMatchingTSID – the first time series that matches the TSID (single TSID or TSID with wildcards) will be modified. LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be modified. LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be modified. SelectedTS – the time series are those selected with the SelectTimeSeries() command. 	AllTS
TSID	The time series identifier or alias for the time series to be modified, using the * wildcard character to match multiple time series.	Required if TSList=*TSID.
EnsembleID	The ensemble to be modified, if processing an ensemble.	Required if TSList=EnsembleID.
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)
```