
Command Reference: ReplaceValue()

Replace a range of data values with a constant Value

Version 08.16.04, 2008-09-11

The `ReplaceValue()` command replaces a range of values in a time series with a constant value. If the missing value indicator is a number in the range, missing values also will be replaced.

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

Edit ReplaceValue() Command

Replace a single data value or range of data values with a constant.
If the missing value indicator is a number in the given range, missing values also will be replaced.
Specify dates with precision appropriate for the data.

TS list: **AllMatchingTSID** Indicates the time series to process (default=AllTS).

TSID (for TSList=AllMatchingTSID): **08235700.DWR.Streamflow.Month**

EnsembleID (for TSList=EnsembleID):

Minimum value to replace: **-100000** Required.

Maximum value to replace: **0** Optional - use when specifying range.

Constant value to replace with: **0**

Period: to

Command: `ReplaceValue(TSList=AllMatchingTSID,TSID="08235700.DWR.Streamflow.Month",MinValue=-100000,MaxValue=0,NewValue=0)`

Cancel OK

ReplaceValue

ReplaceValue() Command Editor

The command syntax is as follows:

```
ReplaceValue (Parameter=Value, ...)
```

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one of: <ul style="list-style-type: none"> 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. 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.
MinValue	The minimum value to replace.	None – must be specified.
MaxValue	The maximum value to replace.	If not specified, only data values that exactly match the minimum value will be replaced.
NewValue	The new data value.	None – must be specified.
SetStart	The date/time to start filling, if other than the full time series period.	Check the full period.
SetEnd	The date/time to end filling, if other than the full time series period.	Check the full period.

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

```
# 08235700 - ALAMOSA RIVER BELOW CASTLEMAN GULCH NEAR JASPER
08235700.DWR.Streamflow.Month-HydroBase
ReplaceValue(TSList=AllTS,MinValue=-100000,MaxValue=0,NewValue=0)
```