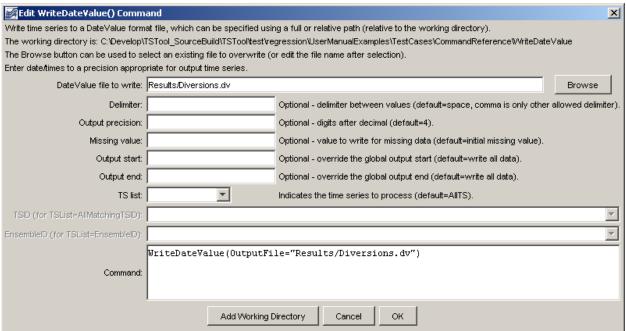# Command Reference: WriteDateValue()

Write time series to a DateValue format file

Version 08.18.02, 2008-11-18

The `WriteDateValue()` command writes time series to the specified DateValue format file. See the **DateValue Input Type Appendix** for more information about the file format. The time series being written must have the same data interval – use the `TSList` parameter to select appropriate time series.

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

WriteDateValue() Command Editor

The command syntax is as follows:

    WriteDateValue(Parameter=Value,…)

Command Parameters

Parameter	Description	Default
OutputFile	The DateValue output file. The path to the file can be absolute or relative to the working directory (command file location).	None – must be specified.
Delimiter	The delimiter character to use between data values. Comma is the only other allowed value other than the default space.	Space.
Precision	The number of digits after the decimal for numerical output.	4 (in the future may default based on data type)
MissingValue	The value to write to the file to indicate a missing value in the time series.	As initialized when reading the time series or

Parameter	Description	Default
		creating a new time series, typically -999, NaN, or another value that is not expected in data.
OutputStart	The date/time for the start of the output.	Use the global output period.
OutputEnd	The date/time for the end of the output.	Use the global output period.
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 processed. • AllTS – all time series before the command. • EnsembleID – all time series in the ensemble will be processed. • FirstMatchingTSID – the first time series that matches the TSID (single TSID or TSID with wildcards) will be processed. • LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be processed. • 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 processed, 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.

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

```
# 0100501 - EMPIRE DITCH
0100501.DWR.DivTotal.Month~HydroBase
# 0100503 - RIVERSIDE CANAL
0100503.DWR.DivTotal.Month~HydroBase
WriteDateValue(OutputFile="Diversions.dv")
```