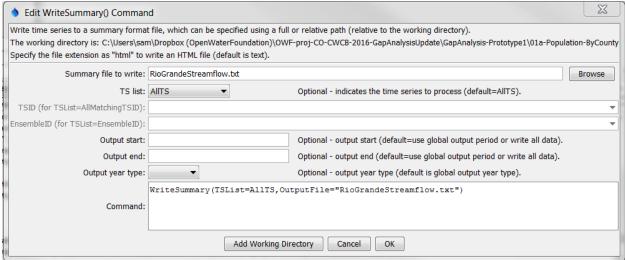
## **Command Reference: WriteSummary()**

Write time series to a summary format file

Version 11.11.00, 2016-05-25

The WriteSummary () command writes time series to a summary report file, as text or HMTL. The format of the file is a default for the data interval. The total/average column in reports (if output) is based on the units – a parameter may be added in the future to allow more flexibility.

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



WriteSummary() Command Editor

WriteSummary

The command syntax is as follows:

WriteSummary(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
OutputFile	The summary file. The path to the file can be absolute or	None – must be
	relative to the working directory (command file location).	specified.
	Specifying a filename with an "html" extension will result in	
	HTML output, which is color-coded for missing values and has	
	notes for flagged values. Can be specified using	
	\${Property}.	
TSList	Indicates the list of time series to be processed, one of:	AllTS
	• 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.	
TSID	The time series identifier or alias for the time series to be	Required if
	processed, using the * wildcard character to match multiple time	TSList=*TS
	series. Can be specified using \${Property}.	ID.
EnsembleID	The ensemble to be processed, if processing an ensemble. Can	Required if
	be specified using \${Property}.	TSList=
		EnsembleID.
OutputStart	The date/time for the start of the output. Can be specified using	Use the global
	\${Property}.	output period.
OutputEnd	The date/time for the end of the output. Can be specified using	Use the global
	\${Property}.	output period.
Output	The output year type, in particular for formatting monthly and	Calendar
YearType	daily time series.	

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

```
SetOutputPeriod(OutputStart="1950-01",OutputEnd="2002-12")
# 08213500 - RIO GRANDE RIVER AT THIRTY MILE BRIDGE NEAR CREEDE
08213500.DWR.Streamflow.Month~HydroBase
# 08217000 - RIO GRANDE AT WASON, BELOW CREEDE, CO.
08217000.USGS.Streamflow.Month~HydroBase
WriteSummary(TSList=AllTS,OutputFile="RioGrandeStreamflow.txt",TSList="AllTS")
```