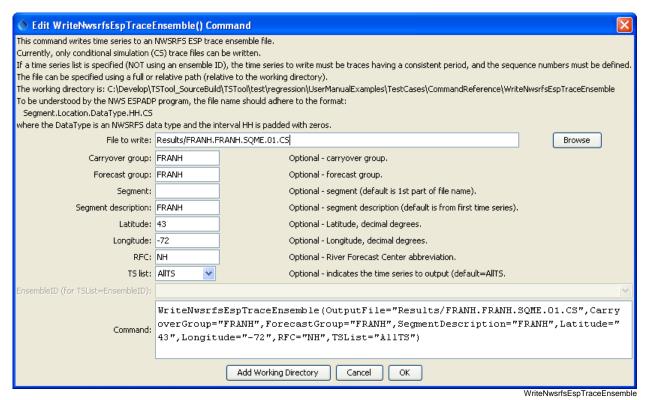
## Command Reference: WriteNwsrfsEspTraceEnsemble()

Write a time series ensemble to an NWSRFS ESP trace ensemble format file

/ersion 10.00.00, 2010-03-3

The WriteNwsrfsEspTraceEnsemble() command writes time series traces to the specified National Weather Service River Forecast System (NWSRFS) ESP trace ensemble file. See the **NWSRFS ESP Trace Ensemble Input Type Appendix** for more information about the file format. The time series should have the same header information, with the sequence number indicating the trace years. For example use time series that are managed as an ensemble in TSTool.

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



WriteNwsrfsEspTraceEnsemble() Command Editor

The command syntax is as follows:

WriteNwsrfsEspTraceEnsemble(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
OutputFile	The NWSRFS ESP trace ensemble	None – must be specified.
	output file. The path to the file can be	
	absolute or relative to the working	
	directory. The <b>Browse</b> button can be	
	used to select the file to write (if a	
	relative path is desired, delete the	
	leading path after the select).	
CarryoverGroup	The carryover group to use in the trace	Blank.
	file header information	
ForecastGroup	The forecast group to use in the trace	Blank.
	file header information.	
Segment	The segment identifier to use in the trace	Location part of the time series
	file header information.	identifier, from the first time
		series.
SegmentDescription	The segment description to use in the	Blank.
	trace file header information.	
Latitude	The latitude for the station to use in the	Missing.
	trace file header information, decimal	
	degrees.	
Longitude	The longitude for the station to use in	Missing.
	the trace file header information,	
	decimal degrees.	
RFC	The river forecast center to use in the	Blank.
	trace file header information.	
TSList	Indicates the time series to be output,	AllTS
	one of:	
	• AllTS – all available time series	
	will be output.	
	<ul> <li>SelectedTS – time series that</li> </ul>	
	have been selected with the	
	SelectTimeSeries()	
	command will be output.	
	• EnsembleID – time series in the	
	ensemble specified by Blank.	
EnsembleID	The ensemble to write, if	Required if
	TSList=EnsembleID.	TSList=EnsembleID.

A sample commands file to convert an ensemble from a DateValue file to NWS ESP format is as follows:

```
ReadDateValue(InputFile="Data/FRANH.ESP.SQME.1HOUR.QPF1.TRACE2001")
WriteNwsrfsEspTraceEnsemble(OutputFile="Results/FRANH.FRANH.SQME.01.CS",
    CarryoverGroup="FRANH",ForecastGroup="FRANH",SegmentDescription="FRANH",
    Latitude="43",Longitude="-72",RFC="NH",TSList="AllTS")
```