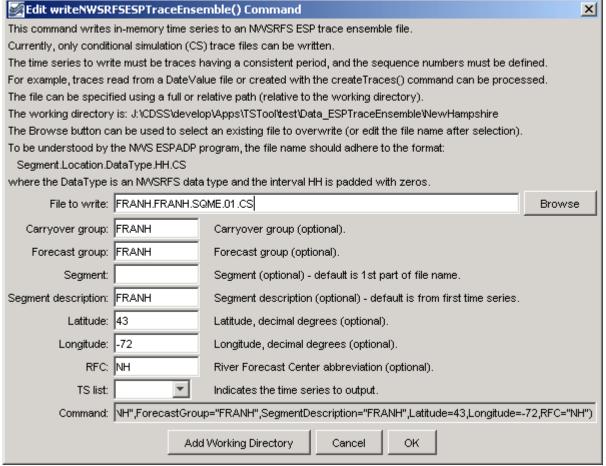# Command Reference: writeNWSRFSESPTraceEnsemble()

Write Time Series Traces to an NWSRFS ESP Trace Ensemble Format File

Version 06.08.02, 2004-08-08, Color, Acrobat Distiller

The `writeNWSRFSESPTraceEnsemble()` command writes time series traces to the specified 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.

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(param=value,…)
```

Command Parameters

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

A sample commands file to convert traces in a DateValue file is as follows:

```
readDateValue("FRANH.ESP.SQME.1HOUR.QPF1.TRACE2001_NEW")
writeNWSRFSESPTraceEnsemble(OutputFile="FRANH.FRANH.SQME.01.CS",
CarryoverGroup="FRANH",ForecastGroup="FRANH",
SegmentDescription="FRANH",Latitude=43,Longitude=-72,RFC="NH")
```