

# Command Reference: ReadNwsrfsFS5Files()

## Read a single time series from an NWSRFS FS5Files database

Version 10.00.00, 2011-03-29

The `ReadNwsrfsFS5Files()` command reads a single time series from an NWSRFS FS5Files database (see the **NWSRFS FS5Files Input Type Appendix**) and assigns an alias to the result.

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

**Edit ReadNwsrfsFS5Files Command**

Read a single time series from the NWSRFS FS5Files and assign it an alias.  
Refer to the NWSRFS FS5Files Input Type documentation for possible data type and interval values.  
Specifying the period will limit data that are available for other commands but can increase performance.  
If not specified, the period defaults to the global input period, or all data.  
If the FS5Files directory is not specified, App Defaults will be used.

Location:  Required - station or area ID.

Data source:  Default to NWSRFS.

Data type:  Required - for example: MAP, QIN.

Data interval:  Required - for example: 6Hour, 24Hour.

FS5Files directory:

TSID (full):

Alias to assign:  Insert:  Required - use %L for location, etc.

Input start:  Optional - overrides the global input start.

Input end:  Optional - overrides the global input end.

Units:  Optional - output units (e.g., CFS if database is CMS).

Command: 

```
ReadNwsrfsFS5Files (Alias="DWRI1IU", TSID="DWRI1IU.NWSRFS.MAP.6Hour~NWSRFS_FS5Files~BPA", Units="IN")
```

ReadNwsrfsFS5Files

### ReadNwsrfsFS5Files() Command Editor

The command syntax is as follows:

```
ReadNwsrfsFS5Files (Parameter=Value...)
```

The following older command syntax is updated to the above syntax when a command file is read:

```
TS Alias = ReadNwsrfsFS5Files (Parameter=Value,...)
```

#### Command Parameters

Parameter	Description	Default
TSID	A time series identifier to read – see the <b>NWSRFSFS5Files Input Type Appendix</b> . The input name for the time series identifier will agree with how the NWSRFS FS5Files were specified. For example if Apps Defaults are used, the input name will be omitted. If a directory is specified, it can be an absolute path or can be relative to the working directory (location of the command file).	Currently ignored.
Alias	The alias to assign to the time series, as a literal string or using the special formatting characters listed by the command editor. The alias is a short identifier used by other commands to locate time series for processing, as an alternative to the time series identifier (TSID).	None – must be specified.
InputStart	The start of the period to read data – specify if the period should be different from the global query period.	Use the global query period.
InputEnd	The end of the period to read data – specify if the period should be different from the global query period.	Use the global query period.
Units	The data units to be returned. The units must be specified compatible with the database units to allow for the conversion.	Use the database units, which typically are SI units.

A sample command file is as follows:

```
ReadNwsrfsFS5Files (Alias="x",
    TSID="DWRI1IU.NWSRFS.MAP.6Hour~NWSRFS_FS5Files~Data_BPA", Units="IN" )
```