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# Command Reference: SetDiversionStationDelayTablesFromRTN()

Set diversion station delay table data from an RTN format file

## StateMod Command

Version 3.09.01, 2010-02-01

The `SetDiversionStationDelayTableFromRTN()` command sets delay table data in existing diversion stations using information in an RTN format file, which is a format that has been used in CDSS StateMod modeling, and is created by the “makertn” program. The following dialog is used to edit the command and illustrates the syntax of the command.

**Edit SetDiversionStationDelayTablesFromRTN() Command**

This command reads and processes delay table information from an "RTN" format file.  
Delay (return flow) table data indicate the pattern by which unused water is returned to the system.  
The file may contain default efficiency information for diversion stations.  
This information can be used and can then be reset later when average efficiencies are estimated from time series.  
This file format has been used with CDSS modeling software and is provided for backward compatibility.  
A delimited list file format may be supported in the future.  
It is recommended that the location of the file be specified using a path relative to the working directory.  
The working directory is: C:\Develop\StateDMI\_SourceBuild\StateDMI\test\regression\UserManualRef\FillDiversionStationsFromHydroBase

Input file:

Set efficiency?:

If not found:

Command:

SetDiversionStationDelayTablesFromRTN

### SetDiversionStationDelayTablesFromRTN() Command Editor

The command syntax is as follows:

```
SetDiversionStationDelayTablesFromRTN (Parameter=Value, ...)
```

### Command Parameters

Parameter	Description	Default
InputFile	The name of the RTN file to process. Specify an absolute path or a path relative to the working directory.	None – must be specified.
SetEfficiency	Indicates whether the default efficiency value in the file should be used.	None – must be specified.
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none"> <li>Fail – generate a failure message if the ID is not matched</li> <li>Ignore – ignore (don't add and don't generate a message) if the ID is not matched</li> <li>Warn – generate a warning message if the ID is not matched</li> </ul>	Warn

A sample RTN file is shown below:

200511	2	75	1
	200742	1	1
	200742	99	2
200742	2	75	1
	200787	1	1
	200787	99	2
200752	2	75	1
	20ADW07	1	1
	20ADW07	99	2

The first line contains the station identifier, number of return flow locations, default efficiency for the station, and the default delay table to use for the return. For the number of return flow locations, the following lines indicate the identifier for the station to receive the return, the percentage of the return to receive, and the delay table for the return.