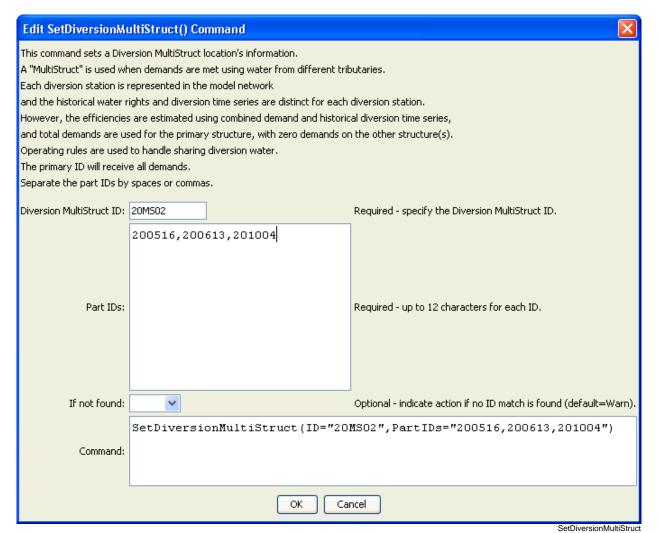# Command Reference: SetDiversionMultiStruct()

Set diversion MultiStruct parts

StateCU and StateMod Command
Version 3.09.01, 2010-02-01

The `SetDiversionMultiStruct()` command sets diversion MultiStruct part identifier data for a diversion (a CU Location or StateMod diversion station). A diversion MultiStruct indicates that multiple diversion stations take water from more than one tributary but irrigate the same lands. Each diversion station is included in the model network and retains its normal capacity and historical diversions; however, average efficiencies are calculated using the combined demand and historical diversion time series. The demands for the primary structure (the first listed) are set to the total demands, with demands for secondary stations being set to zero. Diversion MultiStruct definition commands are required only when processing the demand time series. The following dialog is used to edit the command and illustrates the syntax of the command.

SetDiversionMultiStruct

SetDiversionMultiStruct() Command Editor

The command syntax is as follows:

        SetDiversionMultiStruct(Parameter=Value,…)

Command Parameters

Parameter	Description	Default
ID	The diversion identifier to associate with the MultiStruct part identifiers.	None – must be specified.
PartIDs	The list of part identifiers to comprise the MultiStruct, separated by commas and/or spaces. The first identifier is the primary diversion station, and the others are secondary stations.	None – must be specified.
IfNotFound	Used for error handling, one of the following: • Fail – generate a failure message if the MultiStruct identifier is not matched • Ignore – ignore (don't add and don't generate a message) if the aggregate identifier is not matched • Warn – generate a warning message if the aggregate identifier is not matched	Warn