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# Command Reference:

## SetInstreamFlowDemandTSAverageMonthlyFromRights()

**Set instream flow demand time series (average monthly) data from instream flow rights**

### StateMod Command

Version 3.09.01, 2010-02-02

The `SetInstreamFlowDemandTSAverageMonthlyFromRights()` command sets instream flow demand time series (average monthly) data using instream flow water rights data that have been previously read (e.g., from a `ReadInstreamFlowRightsFromStateMod()` command). The resulting time series at each instream flow station represents the total water rights for the specified station. The output year type is set to that defined by the most recent `SetOutputYearType()` command. For average time series, it is only important that a sequence of months be specified in the time series. If water year is used, then the data span two calendar years in memory. Incorrectly specifying the year type may result in missing data in the output.

If necessary, the constant values determined from water rights can be reset using the `SetInstreamFlowDemandTSAverageMonthlyConstant()` command.

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

**Edit SetInstreamFlowDemandTSAverageMonthlyFromRights() Command**

This command sets instream flow demand average monthly time series using instream flow water rights. The instream flow water rights must have been read or set with a previous command. The total water rights for the instream flow station are used to define the right. The demand time series is set to a constant value, equal to the water right decree.

Instream flow station ID:  Required - instream flow station ID to set (use \* for wildcard).

If not found:  Optional - indicate action if no match is found (default=Warn).

Command:

SetInstreamFlowDemandTSAverageMonthlyFromRights

### SetInstreamFlowDemandTSAverageMonthlyFromRights() Command Editor

The command syntax is as follows:

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

#### Command Parameters

Parameter	Description	Default
ID	A single instream flow station identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none"><li>• Add – add the instream flow demand time series if the ID is not matched and is not a wildcard</li><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