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# Command Reference: ReadPenmanMonteithFromHydroBase()

Read Penman-Monteith crop coefficients data from HydroBase

**StateCU Command**  
Version 3.10.00, 2010-04-02

The ReadPenmanMonteithFromHydroBase() command reads a list of Penman-Monteith crop coefficients from the HydroBase database. The crop coefficients can then be manipulated and output with other commands. The following dialog is used to edit the command and illustrates the syntax of the command.

**Edit ReadPenmanMonteithFromHydroBase() Command**

This command reads Penman-Monteith crop coefficients from HydroBase.  
Penman-Monteith crop coefficients estimate crop water requirements for each crop during the year, for standard conditions.  
Characteristics can be queried for a specific Penman-Monteith method.

PenmanMonteith Method:  Required - Penman-Monteith method.

Command:

OK Cancel

ReadPenmanMonteithFromHydroBase() Command Editor

The command syntax is as follows:

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

## Command Parameters

Parameter	Description	Default
PenmanMonteithMethod	The Penman-Monteith method that is defined in HydroBase for the crop type and its coefficients.	None – must be specified.

The crop type (e.g., ALFALFA) is used as the unique identifier. Any previous crop coefficients objects will be added to (or replaced if identifiers match).

The PenmanMonteithMethod parameter corresponds to a value in HydroBase and allows variations on crop characteristics to be defined. In general the ASCE standardized coefficients are used.

The following example command file illustrates how to read Penman-Monteith coefficients from HydroBase, sort the data, create a StateCU file, and check the results:

```
StartLog(LogFile="Crops_KPM.StateDMI.log")
#
# StateDMI commands to create the Penman-Monteith crop coefficients file
#
# Step 1 - read data from HydroBase
#
# Read the general ASCE standardized coefficients
ReadPenmanMonteithFromHydroBase(PenmanMonteithMethod="PENMAN-
MONTEITH_ALFALFA")
#
# Step 3 - write the file
#
SortPenmanMonteith(Order=Ascending)
WritePenmanMonteithToStateCU(OutputFile="rg2007.kpm")
#
# Check the results
#
CheckPenmanMonteith(ID="*")
WriteCheckFile(OutputFile="Crops_KPM.StateDMI.check.html")
```