

Meteorological station file

Required:

Required if `MM5 = FALSE` in the configuration file.

Name:

User-specified

Read by:

`ReadMetRecord()`

Format:

ASCII

Purpose:

Contains meteorological conditions for each timestep that the model is run.

Details:

The file contains one line (record) for each timestep. The fields on each line depend to some extent on the options specified in the configuration file.

Model time step	MM/DD/YYYY-HH	<required>
Air temperature	°C	<required>
Wind speed	m/s	<required>
Relative humidity	%	<required>
Incoming shortwave radiation	W/m ²	<required>
Incoming longwave radiation	W/m ²	<required>
Soil temperature i	°C (note that there should be one column for each soil layer, with the temperature of the top soil layer in the first column, etc.)	Sensible heat flux = TRUE
Precipitation	m/time step	Precipitation source = STATION

Precipitation lapse rate	m/m	Precipitation lapse rate = VARIABLE
Temperature lapse rate	°C/m	Temperature lapse rate = VARIABLE
Wind direction	an integer indicating which of the wind maps to use	Wind source = MODEL