

Meteorology

What is the anemometer height?

The anemometer height is the height above the ground at which the wind speed is measured. The default value for the anemometer height is 10 meters. The anemometer height is of particular importance for calculating the building downwash in Screen View. In order to calculate building downwash the measured the wind speed must be adjusted to the stack height wind speed, and this requires knowing the height of the original measurement, the anemometer height.

Screen View 3.0.0 - [C:\Lakes\tutorial\tutorial.scr]

File Data Run Output Tools Help

New Open Print Run Inputs Options Graph Output Help

Source Type: Area

Terrain Options

- ☒ Simple Terrain

Simple Terrain

- ☒ Flat Terrain

Choose At Least One Option

- ☒ Automated Distances
- ☐ Discrete Distances

Meteorology | Automated Distances | Discrete Distances

Meteorology for Simple Terrain Screening

- ☐ Full Meteorology (All Stability Classes and Wind Speeds)
- ☒ Single Stability Class
- ☐ Single Stability Class and Wind Speed

Stability Class: F - Stable

Non-Regulatory Options

Brode 2 Mixing Height ?

- ☒ No
- ☐ Yes

Anemometer Height

- ☒ Default 10.00 [m]
- ☐ Specify 2 [m]

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Note: Changing the anemometer height from the default value of 10m is a non-regulatory option.

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