

Sources

What are the area source dimensions?

The dimensions of an area source in Screen View are defined in terms of the Larger side and the Smaller side. A specific orientation of the area source is not required, instead you can choose to either search through a range of wind directions, or give a specific wind direction relative to the long dimension.

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

Title
Tutorial - Point Source in Complex Terrain

Source Type
☐ Point ☒ Area
☐ Flare ☐ Volume

Dispersion Coefficient
☒ Urban
☐ Rural

Flagpole Receptor
Receptor Height Above Ground: 0 [m]

Area Source Parameters

Emission Rate: 1 [g/s/m2]
Source Release Height: 1 [m]
Larger Side Length of Rectangular Area: 12 [m]
Smaller Side Length of Rectangular Area: 10 [m]
Search Through Range of Wind Directions? ☒ No ☐ Yes
Wind Direction Relative to Long Dimension: 45 [deg]

Previous Next

Unique solution ID: #11018

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