

Receptors

How can I determine concentrations above ground level?

Screen View has a **Flagpole Receptor** option; specifying a non-zero elevation for the flagpole height will make Screen calculate concentrations at that height.

The screenshot shows the 'Screen View 3.0.0' application window. The title bar indicates the file path is '[C:\Lakes\tutorial\tutorial.scr]'. The menu bar includes 'File', 'Data', 'Run', 'Output', 'Tools', and 'Help'. The toolbar contains icons for 'New', 'Open', 'Print', 'Run', 'Inputs', 'Options', 'Graph', 'Output', and a 'Help' icon. The main window is divided into several sections. The 'Title' section contains the text 'Tutorial - Point Source in Complex Terrain'. Below this, there are three main configuration areas: 'Source Type', 'Dispersion Coefficient', and 'Flagpole Receptor'. The 'Source Type' section has radio buttons for 'Point', 'Area' (selected), 'Flare', and 'Volume'. The 'Dispersion Coefficient' section has radio buttons for 'Urban' (selected) and 'Rural'. The 'Flagpole Receptor' section, which is highlighted with a red box, contains a 'Receptor Height Above Ground' input field with the value '2' and a unit selector '[m]'. Below these sections is the 'Area Source Parameters' section, which includes input fields for '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]), a 'Search Through Range of Wind Directions?' section with 'No' selected, and 'Wind Direction Relative to Long Dimension' (45 [deg]). At the bottom right, there are 'Previous' and 'Next' navigation buttons.

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