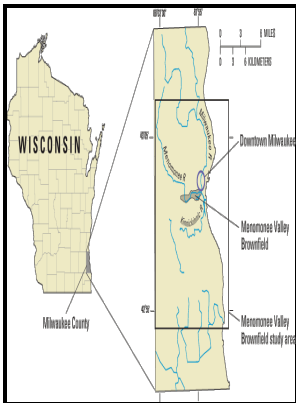


# Simulation of ground-water flow and delineation of areas contributing recharge to municipal water-supply wells, Muscatine, Iowa

U.S. Dept. of the Interior, U.S. Geological Survey - Groundwater Flow



Description: -

- Municipal water supply -- Iowa -- Muscatine Region  
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A simplified second-order closure model of turbulent transport is used to compute the vertical eddy viscosity and diffusivity contained in the model equations. Journal of Arid Environments, 72, 1046—1063. Signor and Geological Survey U.

## Groundwater flood of a river terrace in southwest Wisconsin, USA, Hydrogeology Journal

Boundary representation in FD grids and FE meshes of a two-dimensional areal model.

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One of these mandates requires that monitoring studies be conducted in areas of the state where the contaminant pesticide is used, in other areas exhibiting high risk portraits e. It is important to note that this is a fully automated system. The enlarged fractures and bedding partings are responsible for a very heterogeneous distribution of permeability within the karst aquifer.

## Pollution Control Department, Bangkok, Thailand

Geological Survey, 1975-81, Water resources data for California, v. Model name: SESOIL Website: Summary of the model SESOIL is a seasonal compartment model which simulates long-term pollutant fate and migration in the unsaturated soil zone. PRZM-3 includes modeling capabilities for such phenomena as soil temperature simulation, volatilization and vapor phase transport in soils, irrigation simulation, microbial transformation, and a method of characteristics MOC algorithm to eliminate numerical dispersion.

## Groundwater flood of a river terrace in southwest Wisconsin, USA, Hydrogeology Journal

Test data were from a wide range of challenging discharge environments, including a large freshwater river Potomac , a narrow tidal estuary Patuxent , a wide tidal estuary Chesapeake Bay , and a wind-driven tidal estuary Baltimore Harbor. Research reports, news headlines, and public debates noted the increasing incidence of contaminants in rural and urban well waters. Model name: CALRoads View Website : Website: Summary of the model CALRoads View is an Air Dispersion Modeling Package for predicting air quality impacts of pollutants near roadways, CALRoads View features three mobile source dispersion models: CALINE4, CAL3QHC, CAL3QHCR.

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