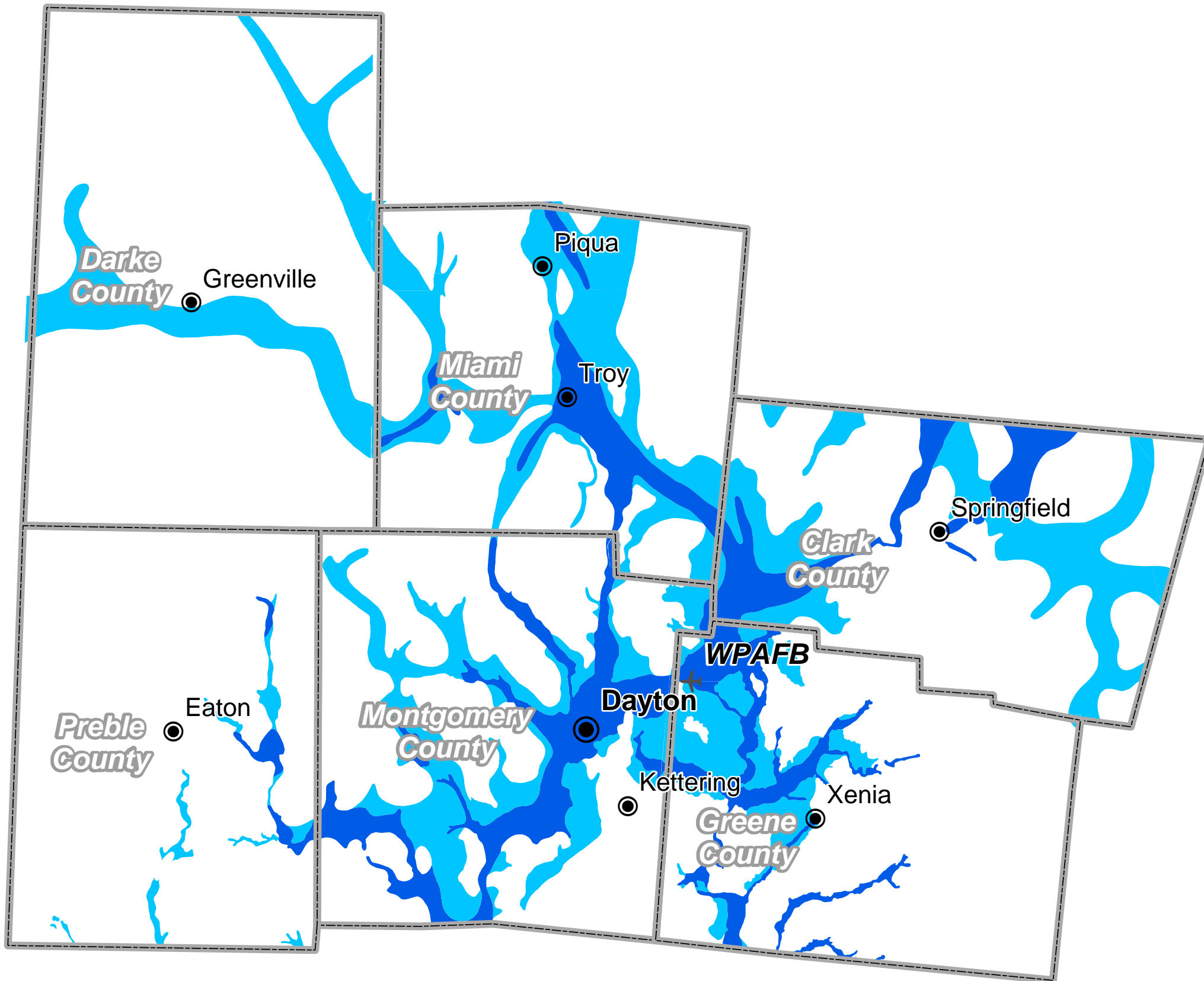




Sole Source Aquifer Designation



Miami Valley
Regional Planning Commission
Dayton, Ohio USA
www.mvrpc.org



Potential Productivity Class

-  Class 1
-  Class 2

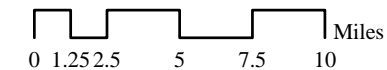
In 1988 the Great Miami/Little Miami buried valley aquifer system in 14 southwest Ohio counties was designated as a Sole Source Aquifer (SSA) by the USEPA.

SSA designation serves several purposes. First, it focuses attention on, and raises public awareness about, the aquifer system, its vulnerability to contamination, and the Region's dependence on groundwater. Second, it provides for a review of certain federal financially assisted projects to ensure that they pose minimal threat to groundwater. Third, it makes the Region eligible for any federal funds that may become available under the Safe Drinking Water Act amendments for SSAs.

Other State of Ohio programs currently recognize the SSA designation including the Ohio EPA in its rules for siting landfills and the Bureau of Underground Storage Tank Regulations (BUSTR) in its sensitive area and tank siting rules.

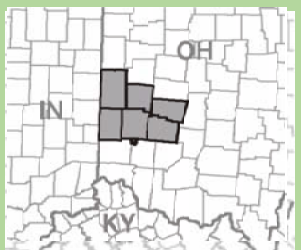
Class 1 areas have high to high-intermediate potential productivity based on aquifer characteristics and proximity to recharge.

Class 2 areas are low-intermediate to low potential productivity based on aquifer characteristics and proximity to recharge.



Date: March 2005

Source: MVRPC 1988 Sole Source Aquifer Designation



Natural Resources