

# Ground Water Resources of the Unconsolidated Aquifers of Ohio

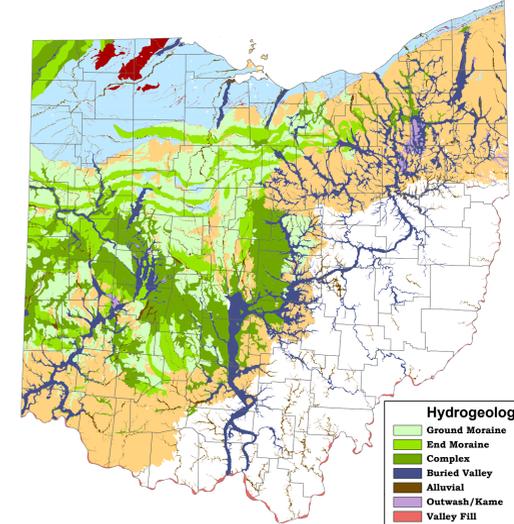
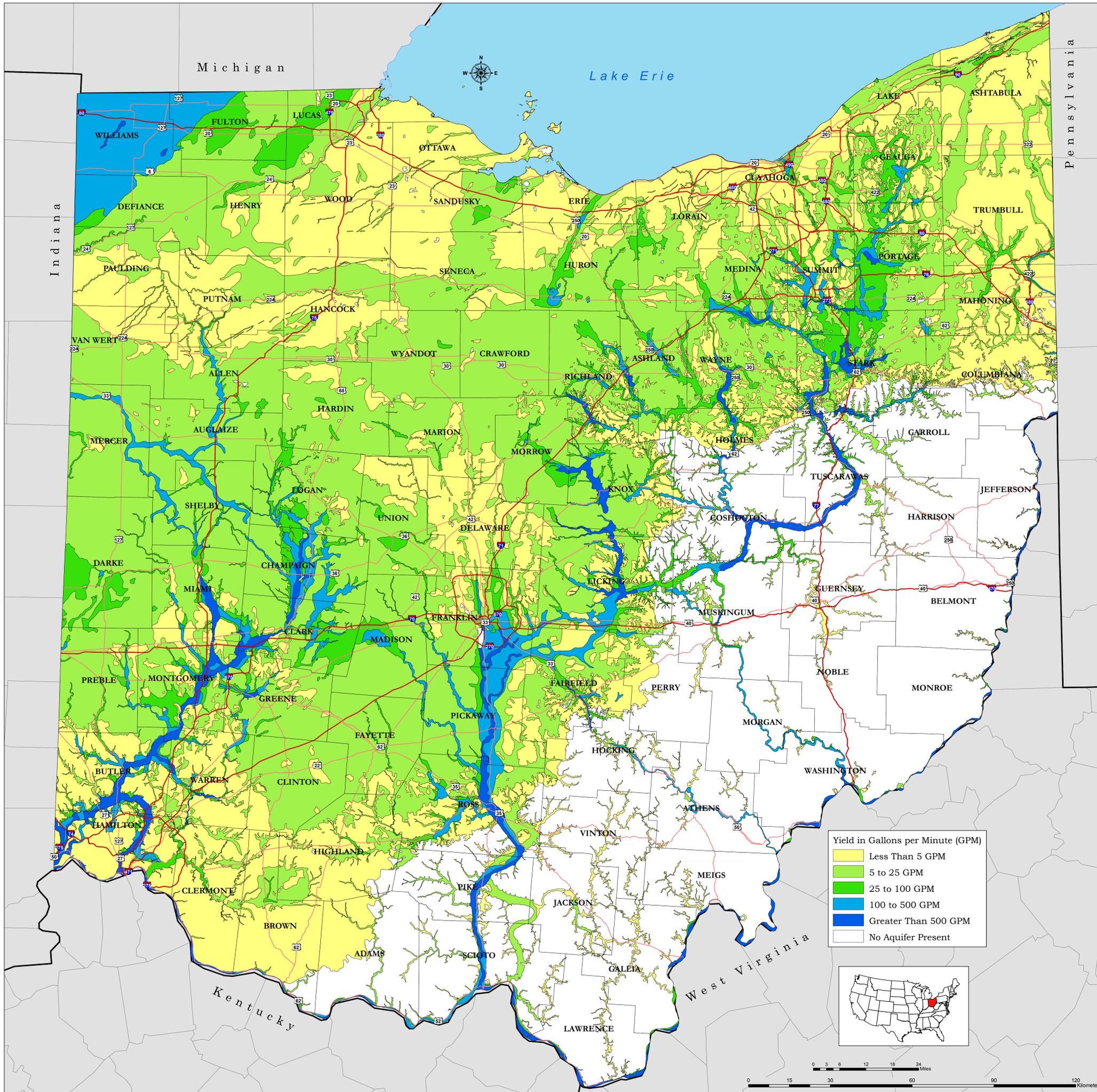


Ohio Department of Natural Resources  
Division of Water



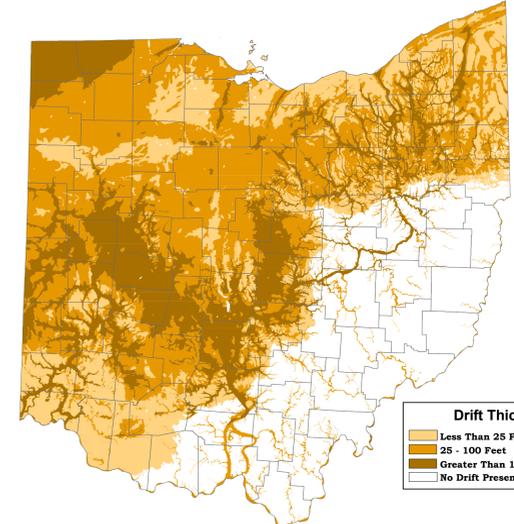
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These maps represent the approximate sustainable yield, hydrogeologic settings, drift thickness, and primary lithology of Ohio's unconsolidated aquifers. Well logs and drilling reports, and existing hydrogeologic information were used to delineate the extent of the attributes. Maps were drawn and digitized using 7.5 minute quadrangle maps at a scale of 1:24,000 (1 inch = 2000 feet). The digitized 7.5 minute maps were joined to produce a statewide coverage. This coverage was funded, in part, by a grant from the Ohio Environmental Protection Agency under provisions of Section 319 of the Clean Water Act.



**Hydrogeologic Setting**

- Ground Moraine
- End Moraine
- Complex
- Buried Valley
- Alluvial
- Outwash/Kame
- Valley Fill
- Beach Ridge
- Lacustrine
- Thin Upland
- No Unconsolidated Aquifers Present

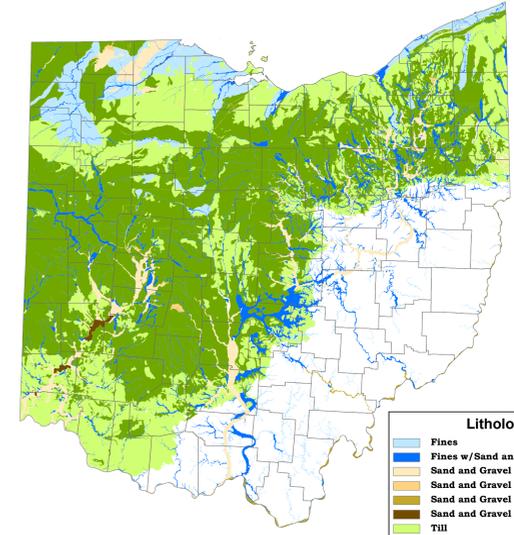


**Drift Thickness**

- Less Than 25 Feet
- 25 - 100 Feet
- Greater Than 100 Feet
- No Drift Present (Unglaciated)

**Yield in Gallons per Minute (GPM)**

- Less Than 5 GPM
- 5 to 25 GPM
- 25 to 100 GPM
- 100 to 500 GPM
- Greater Than 500 GPM
- No Aquifer Present



**Lithology**

- Fines
- Fines w/Sand and Gravel
- Sand and Gravel w/Fines
- Sand and Gravel w/Till
- Sand and Gravel
- Sand and Gravel w/Confining Layer
- Till
- Till w/Sand and Gravel
- No Aquifer Present

