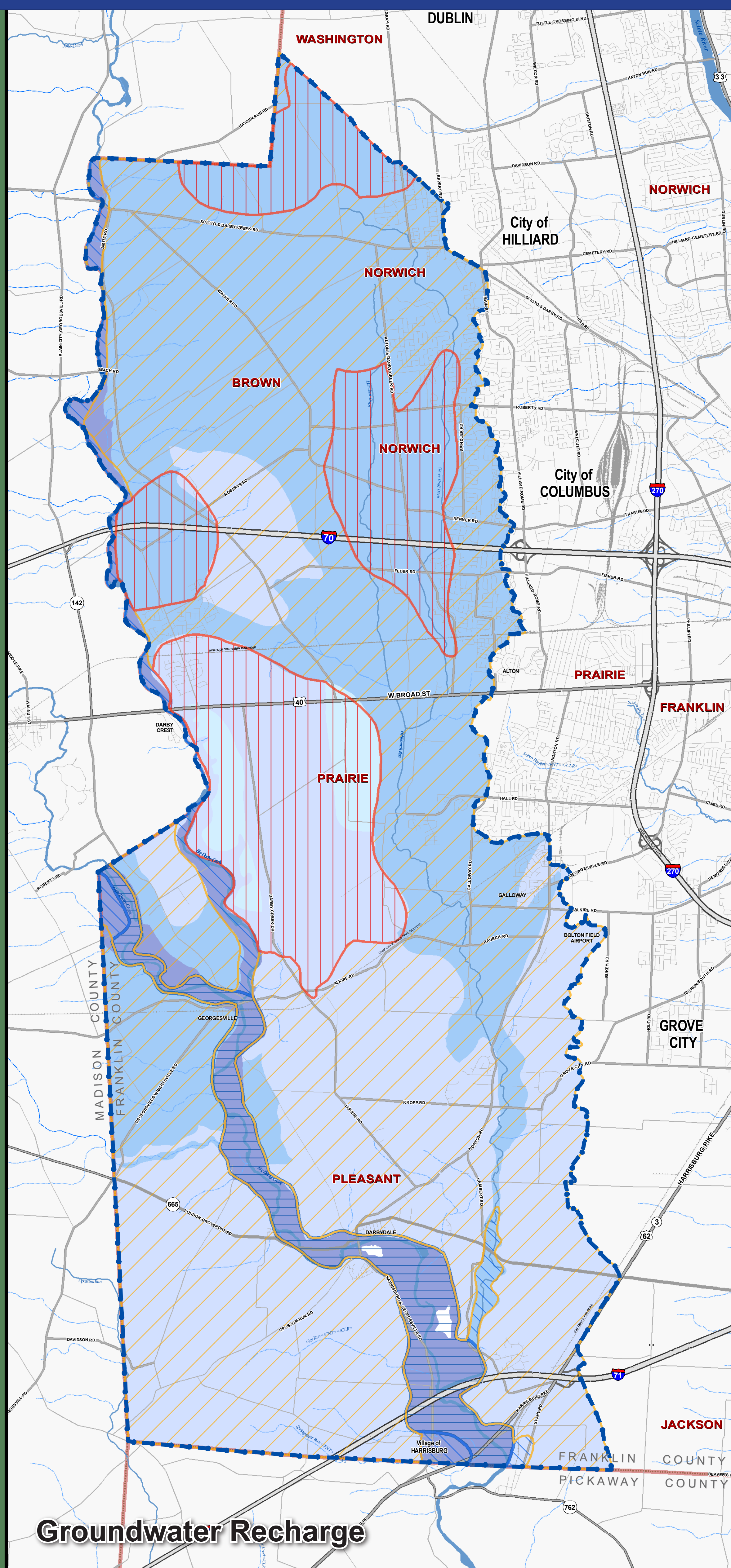


Soils

This map illustrates the depth to bedrock across Franklin County, Ohio. The contours are color-coded, with yellow representing shallower depths and dark red representing greater depths. The map also shows major roads, including I-70, I-675, and I-75, and surrounding municipalities such as Washington, Dublin, Norwich, Hilliard, Columbus, Jackson, Grove City, Franklin, and Pickaway. The county boundaries for Madison, Franklin, Jackson, and Pickaway are also indicated.

BIG DARBY ACCORD

FRANKLIN COUNTY, OHIO

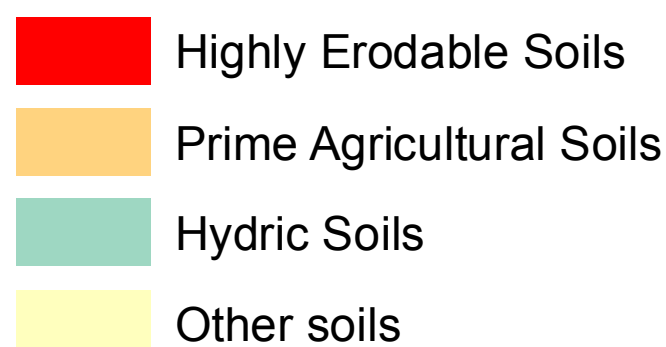


Hydro-Geologic Environmental Sensitivity

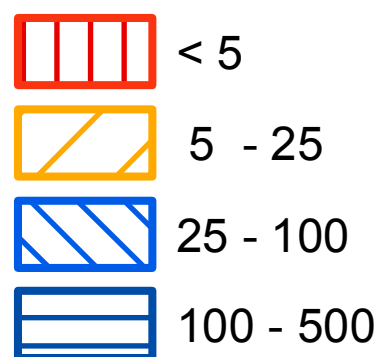
The map illustrates the hydro-geologic environmental sensitivity of Franklin County, Ohio. The county is outlined in a thick blue dashed line. The map is color-coded to show different levels of sensitivity: yellow for low sensitivity, orange for moderate sensitivity, and red for high sensitivity. The map includes labels for various towns and cities, including Washington, Norwich, Brown, Prairie, Pleasant, and Jackson. Major roads such as I-70, I-40, and I-275 are shown. The map also displays surrounding counties: Madison to the west, Pickaway to the south, and Jackson to the east. A legend at the bottom right explains the color coding: Low (Yellow), Moderate (Orange), and High (Red).

 Study Area

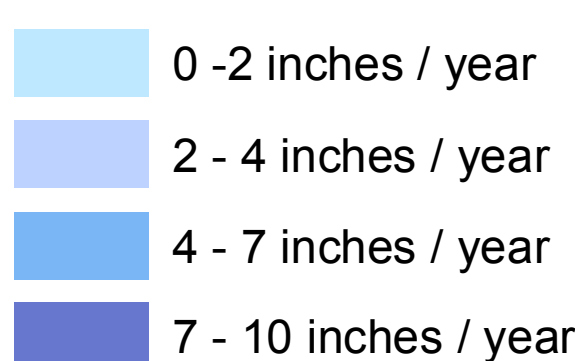
Soil Characteristics



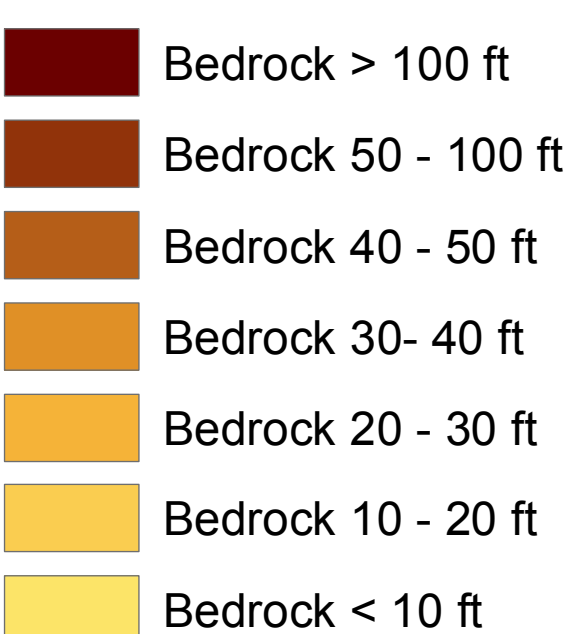
Groundwater Yields (Gallons Per Minute)



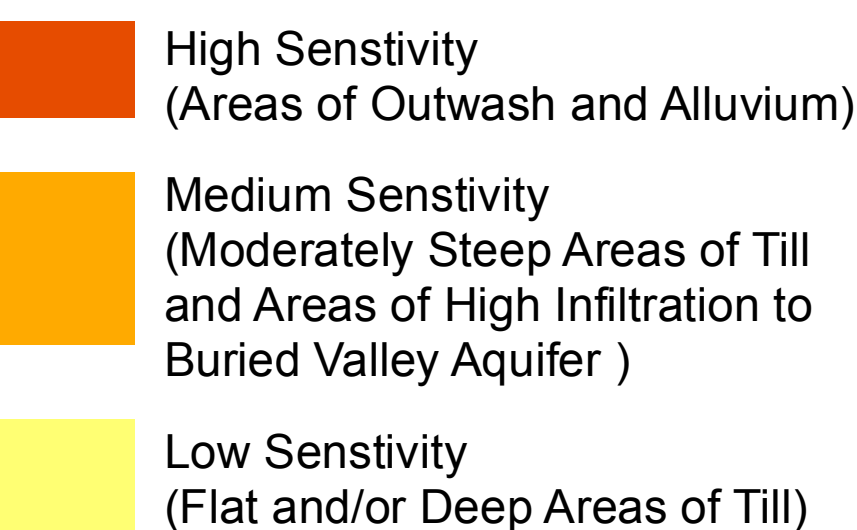
Groundwater Recharge Rate



Depth to Bedrock



Hydro-Geologic Areas of Environmental Sensitivity

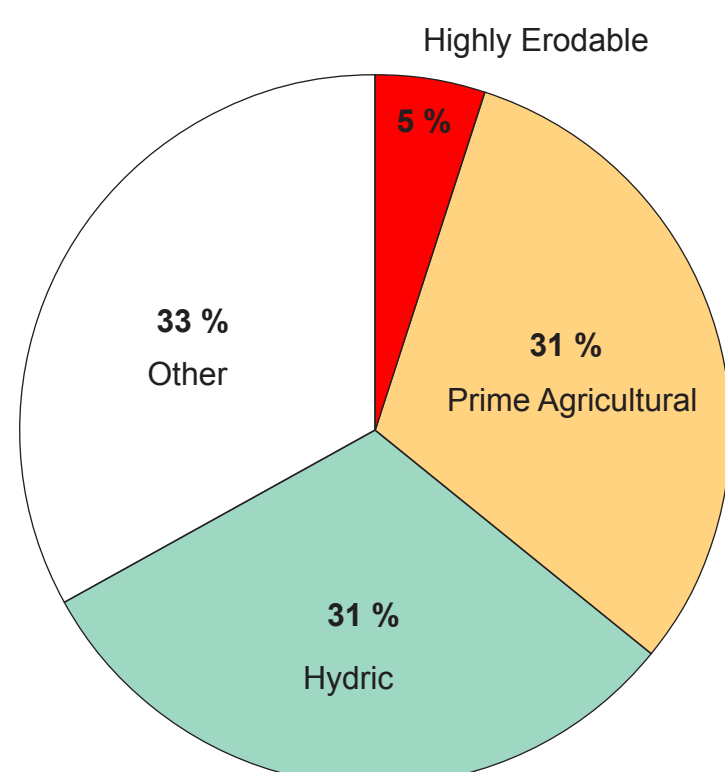


DEFINITIONS & SUMMARY

Hydric Soil - a soil that is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions that favor the growth and regeneration of hydrophytic vegetation (USDA-SCS, 1985).

Prime Agricultural Soils - land that has the best combination of physical and chemical characteristics for producing [agricultural commodities] with minimum inputs of fuel, fertilizers, pesticides and labor and without intolerable soil erosion (NRCS).

Highly Erodible Soils - land that has an erodibility index of 8 or more, where erodibility index is the numerical expression of the potential for a soil to erode considering the physical and chemical properties and soil and local climatic conditions (NRCS).



Soil Characteristics within Study Area

NOTES

Data Sources:

- 1) Soils data based on Franklin County SSURGO Data, 1980
- 2) Groundwater Recharge based on ODNR DRASTIC data, 2004
- 3) Groundwater Yields based on unconsolidated aquifers, ODNR data, 1993
- 4) Depth to Bedrock based on ODNR data, 1979
- 5) Hydro-geologic environmental sensitivity based on ODNR DRASTIC data interpretation
- 6) Base GIS data compiled from various sources including MORPC, Franklin County Auditor's Office

Disclaimer:
Data represented in this map is intended for long-range planning purposes only.



Map Series
UNDERSTANDING THE PHYSICAL ENVIRONMENT

Prepared by: **EDAW** In Association with: **EMHT** **MSI** **Trans Associates** **SCHOTTENSTEIN ZOX & HUNN**

map
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