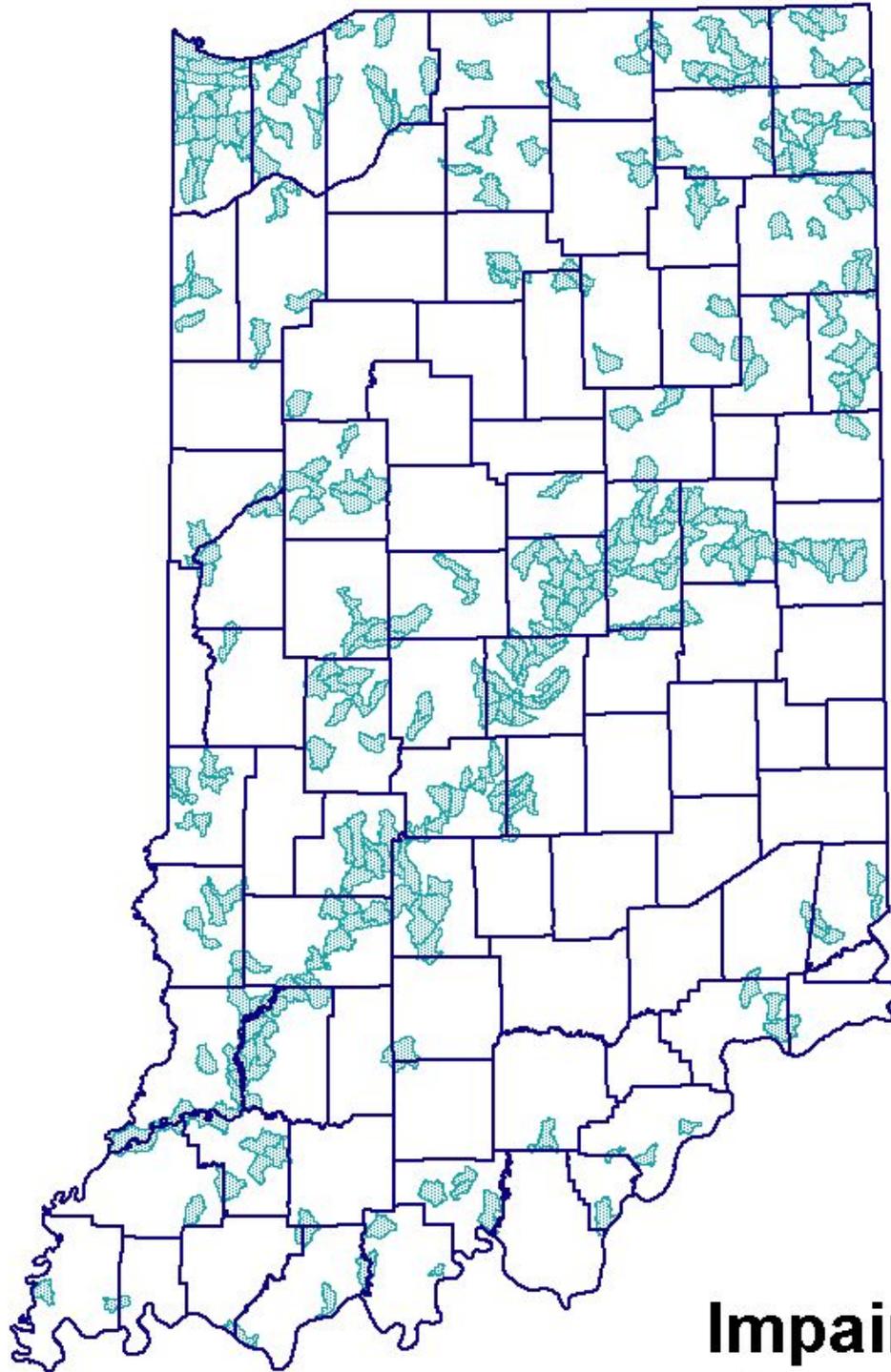


# State Ranking

Statewide ranking for EQIP utilizes a series of resource criteria maps, representing the best data available on the geographic location of potential environmental risks associated with agricultural operations. Each of these risks has been assigned one or more scores, related to the conservation treatments that could be applied to the land to reduce the risk.

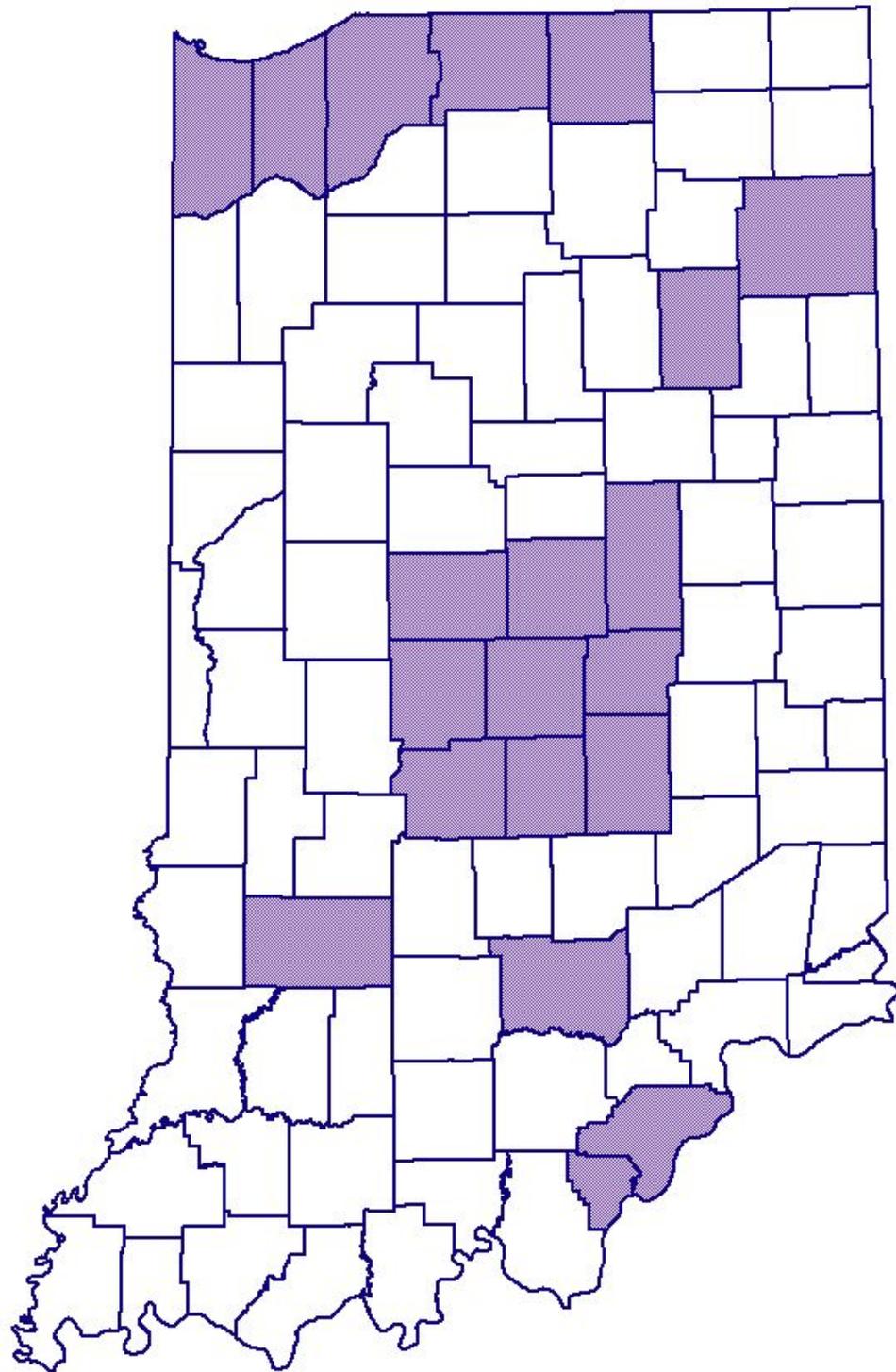
To simplify the process of determining whether offered tracts coincide with resource criteria maps, in 2004 a WWW-based application called E-Score has been developed by Purdue and NRCS. Following this page, you will find a table of all the state ranking maps, and a copy of the set of information sheets that accompany each map. Each information sheet explains the NRCS national Quality Criteria associated with the resource criteria map, what the map is trying to address, how to tell if the tracts in question have the resource concern, and the minimum treatment required to address the concern to quality criteria, in accordance with the EQIP Rule.

<b>Resource</b>	<b>Map</b> [Each map is worth 15 points when "hit".]	<b>Points Awarded</b> for addressing resource concern to quality criteria	<b>Map-making</b>
SOIL	Erosion-Wind	75: severe 68: high	STATSGO Wind Erosion Group weight-averaged for the % of each soil unit in the MUID (surface soils). Classified by natural breaks into 5 divisions. Use 2 divisions: 0-252 [severe] and 253-400 [high]
SOIL	Erosion-Kfactor	64: severe 54: high 44: moderate	STATSGO averages for K-factor of surface soil. Weighted by the % of the soil unit in the MUID. Classified by natural breaks into 5 divisions. Use top 3 divisions.
WATER	Leaching Potential	56: severe 51: high	NO3 leaching risk map from NAPRA web-based model, supplied by Bernie Engel. No manipulation. Kg/ha/yr classified by natural breaks into five divisions. Use top 2 divisions.
SOIL	Erosion-Slope	63: severe 57: high	STATSGO slope maximum for slope ranges. Weighted average calculated based on the percentage of the soil unit in the MUID. Classified by natural breaks into 5 divisions and adjusted. Use top 2 divisions: 700 to 1500 (high) and 1501 to 5075 (severe).
WATER	Aquatic Habitat	45	14hucs containing a stream reach with Impaired Biotic Community, from the 2004 303d list, parts 4B, 4C, and 5.
WATER	Karst	62	Karst area as polygon from Indiana Geological Survey. No manipulation.
WATER	Stream Protection	75	National Hydrography dataset, from Indiana Geological Survey Atlas.
WATER	Lakes & Reservoirs	70	National Hydrography Dataset polygons, including lakes & ponds and some major rivers, buffered to 1/2 mile.
WATER	Excess Nutrients	49	14HUCs containing a stream reach impaired for nutrients, algal growth, or low dissolved oxygen, from the 2004 303d list, part 5.
WATER	Drinking Water	67	11HUCs <u>containing a drinking water supply intake point</u> . <b>No upstream watersheds were included.</b> Data from IDEM Drinking Water Branch, current.
AIR	Air Quality	26	EPA recommendation for counties deemed not in attainment of clean air act for nitrous oxides, ozone, and other compounds. Supplied by IDEM.
PLANT	National Forest	27	Hoosier National Forest coverage from IGS Atlas, both federally and privately owned tracts. Two-mile buffer surrounds the forest.
PLANT	Forest Legacy Areas	33	Coverage from DNR Division of Forestry.
PLANT	Public Lands	45	Coverage from IGS. 1/2 mile buffer around all managed lands. Hoosier National Forest lands have been removed to prevent points being awarded twice for the same thing.
PLANT	Wetland Protection	26	WRP sites as polygons from NRCS data, as of early 2003. 1/2 mile buffer surrounds each polygon.
ANIMAL	Aquatic Species	38	14hucs containing a record point for a fish or aquatic invertebrate, from July 2002 Heritage Data, reviewed by Dave Stratman.
ANIMAL	Woodland Species	31	July 2002 Heritage data, species selected by State Biologist. 1/2 mile buffer surrounds each point; buffers are merged.
ANIMAL	Wetland Species	31	July 2002 Heritage data, species selected by State Biologist. 1/2 mile buffer surrounds each point; buffers are merged.
ANIMAL	Grassland Species	31	July 2002 Heritage data, species selected by State Biologist. 1/2 mile buffer surrounds each point; buffers are merged.



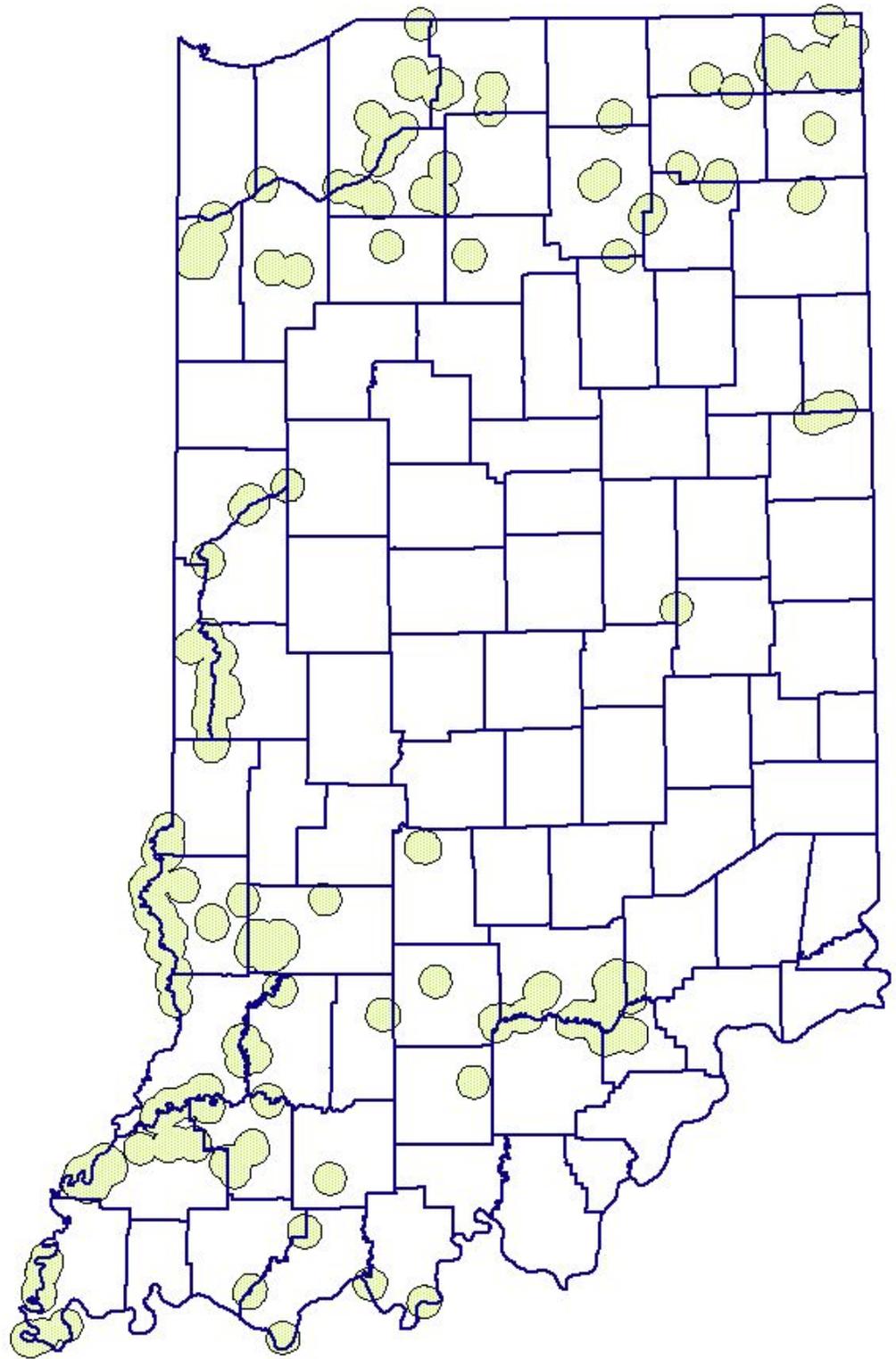
# Impaired Aquatic Communities

-  County Boundaries
-  Impaired Aquatic Communities



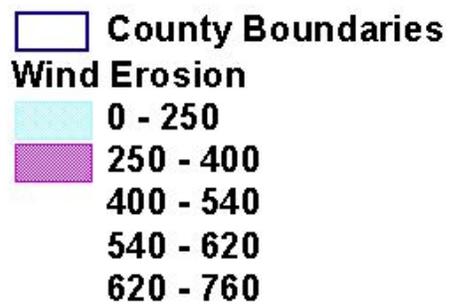
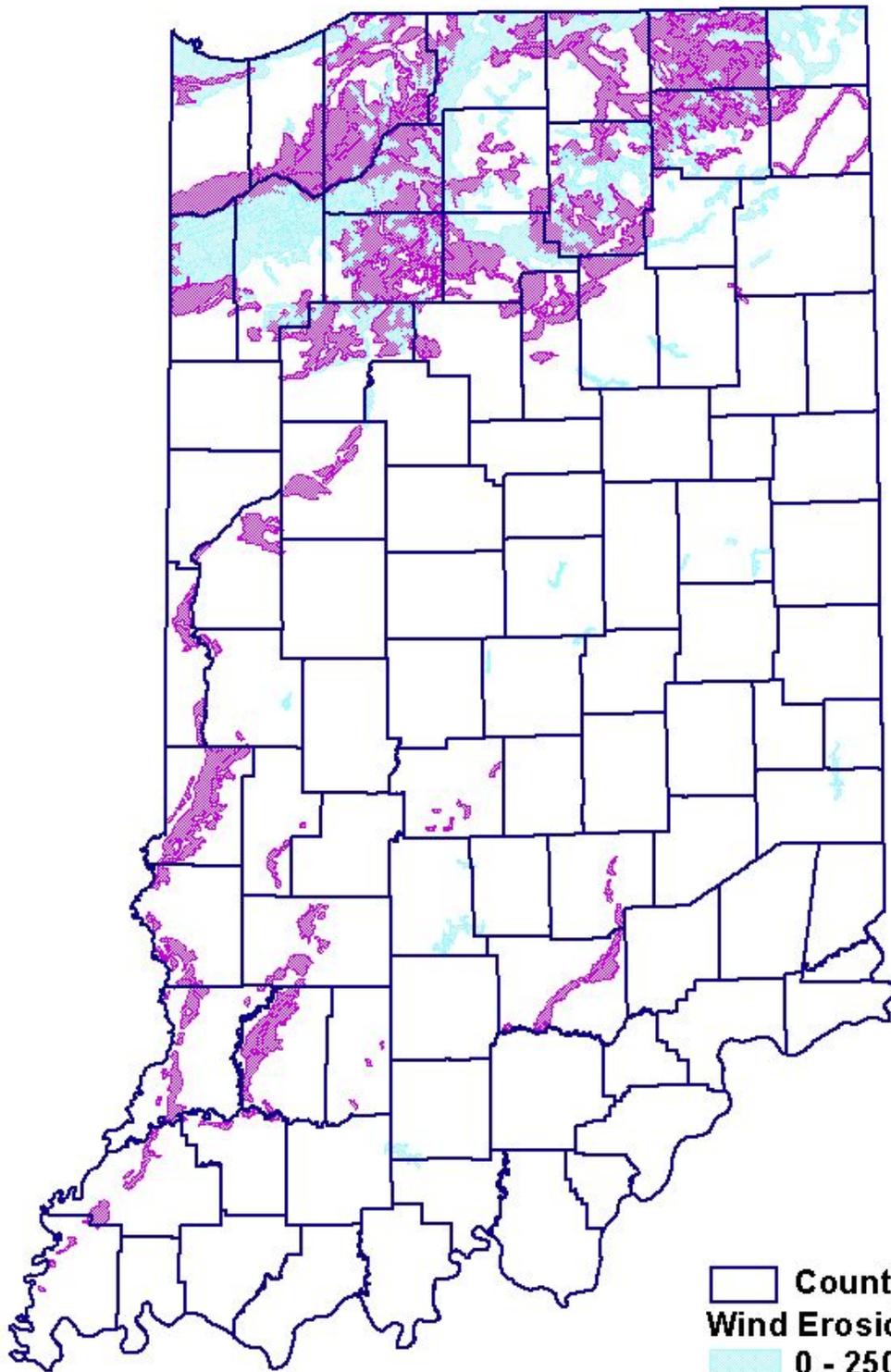
 County Boundaries  
 Air Quality

# Poor Air Quality Areas

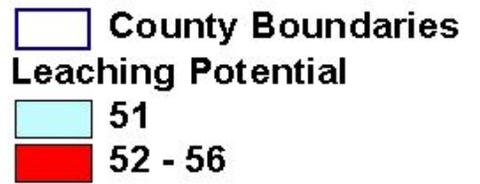
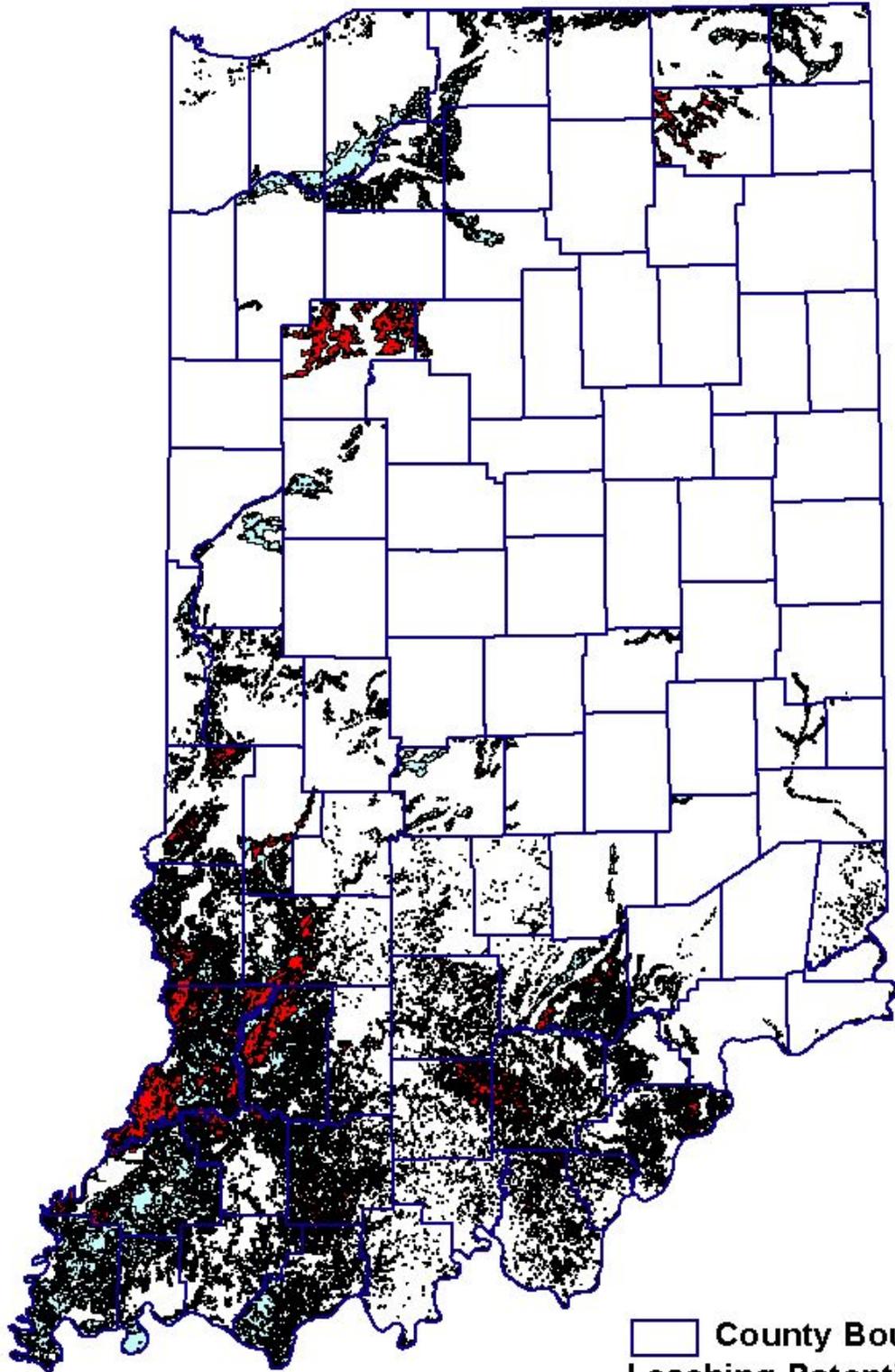


## WRP Sites

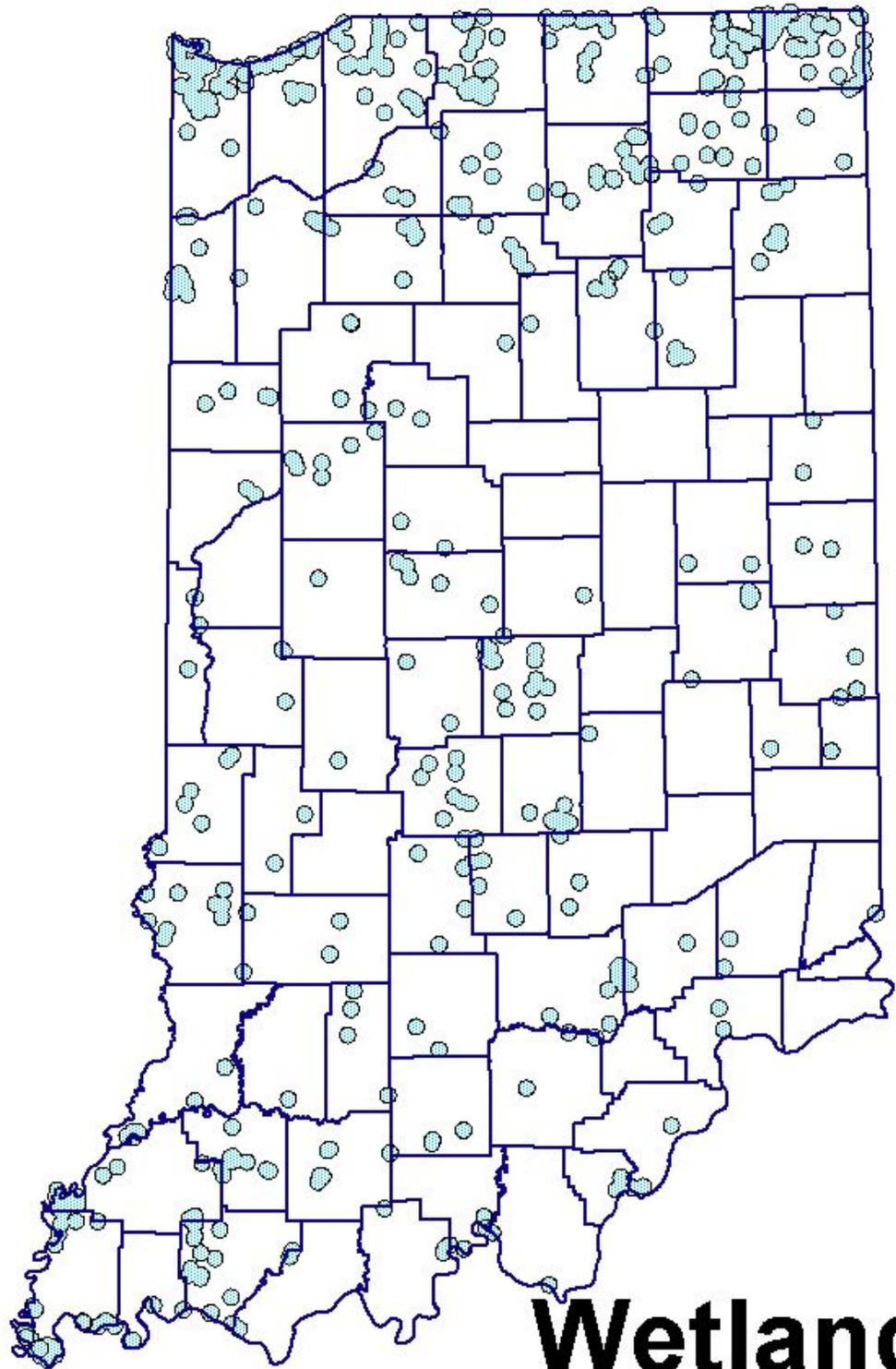
-  County Boundaries
-  WRP Areas



# Wind Erosion

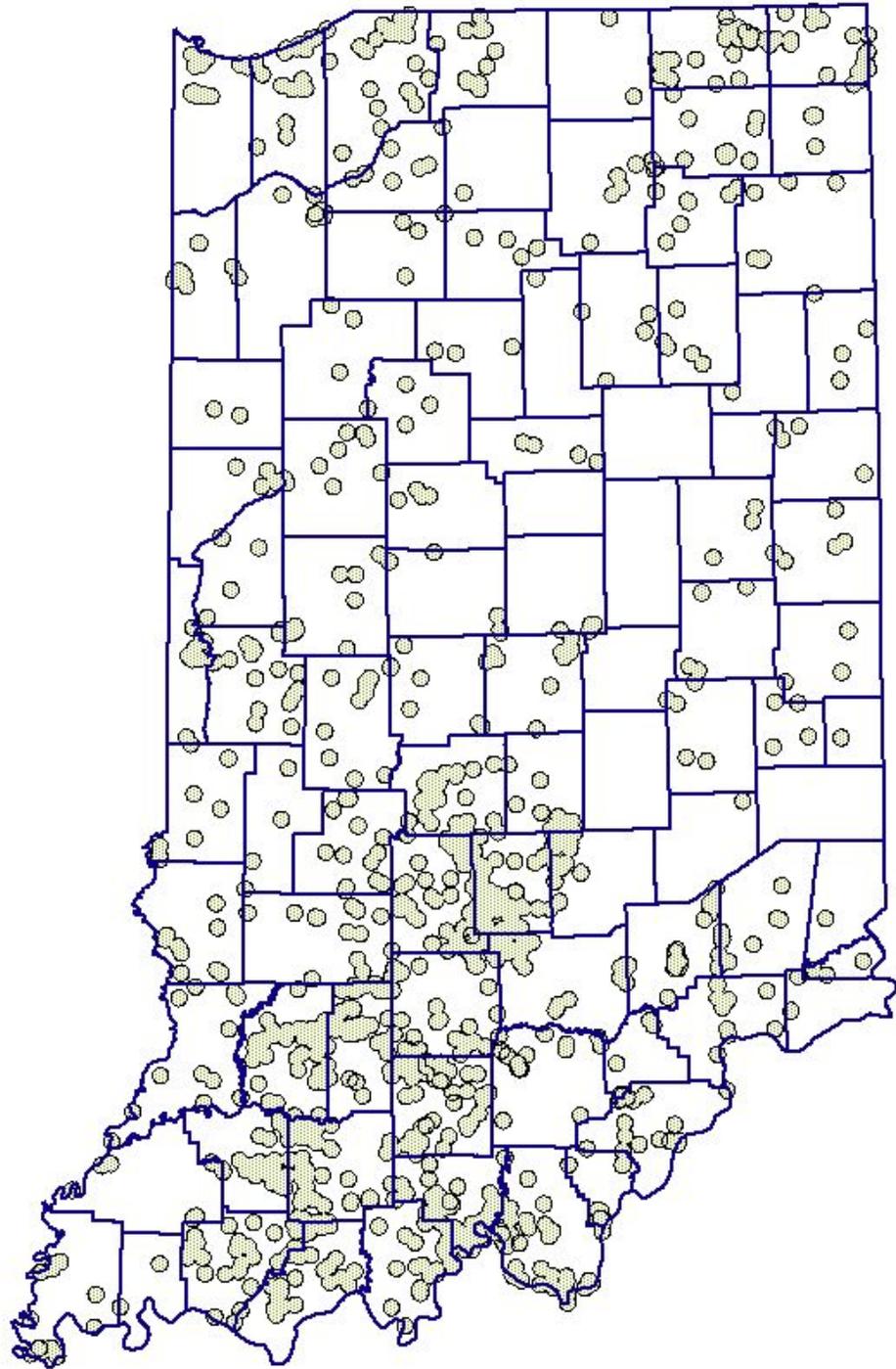


# Leaching Potential



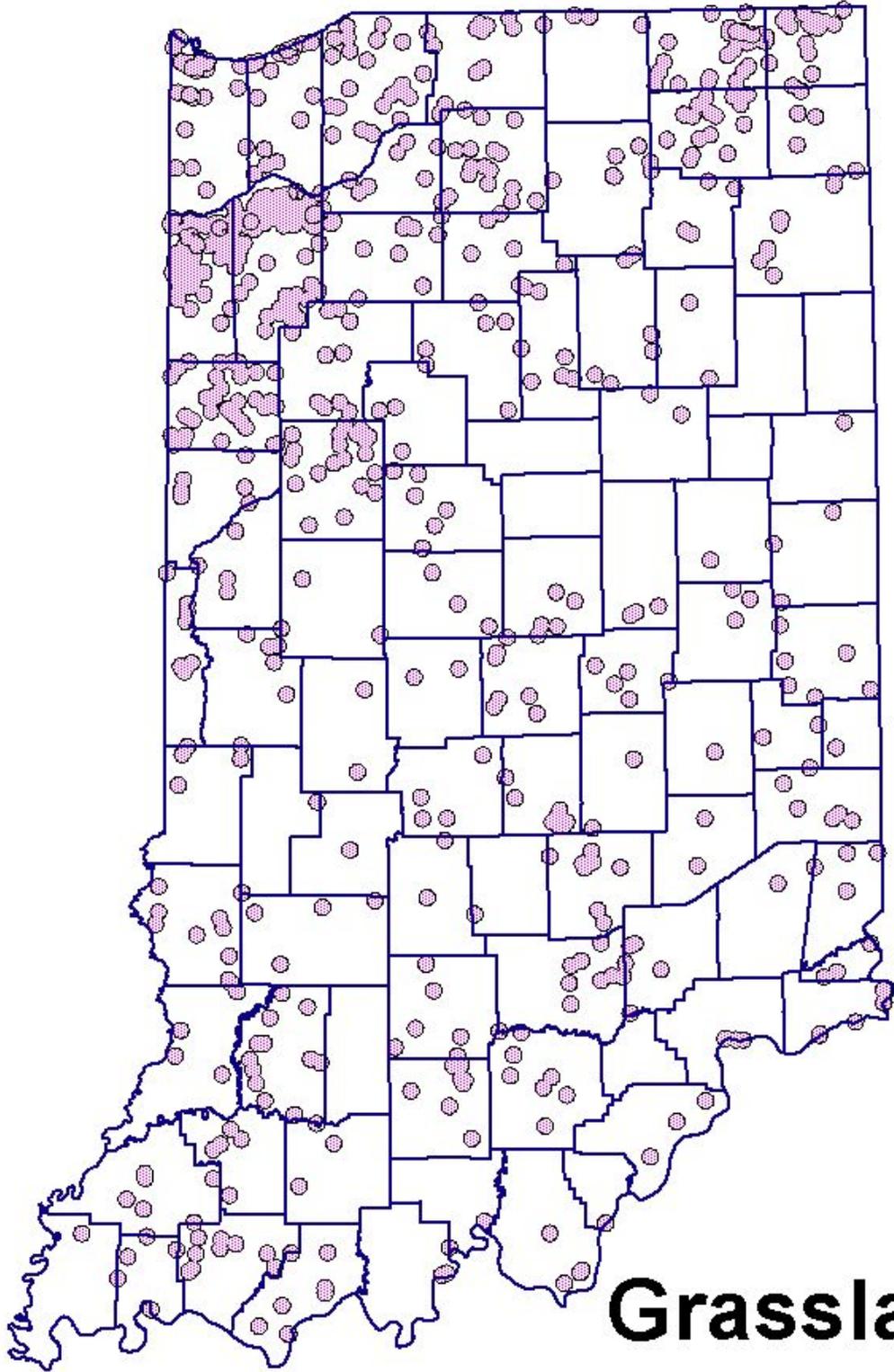
# Wetland Species

-  County Boundaries
-  Wetland Habitat Needed



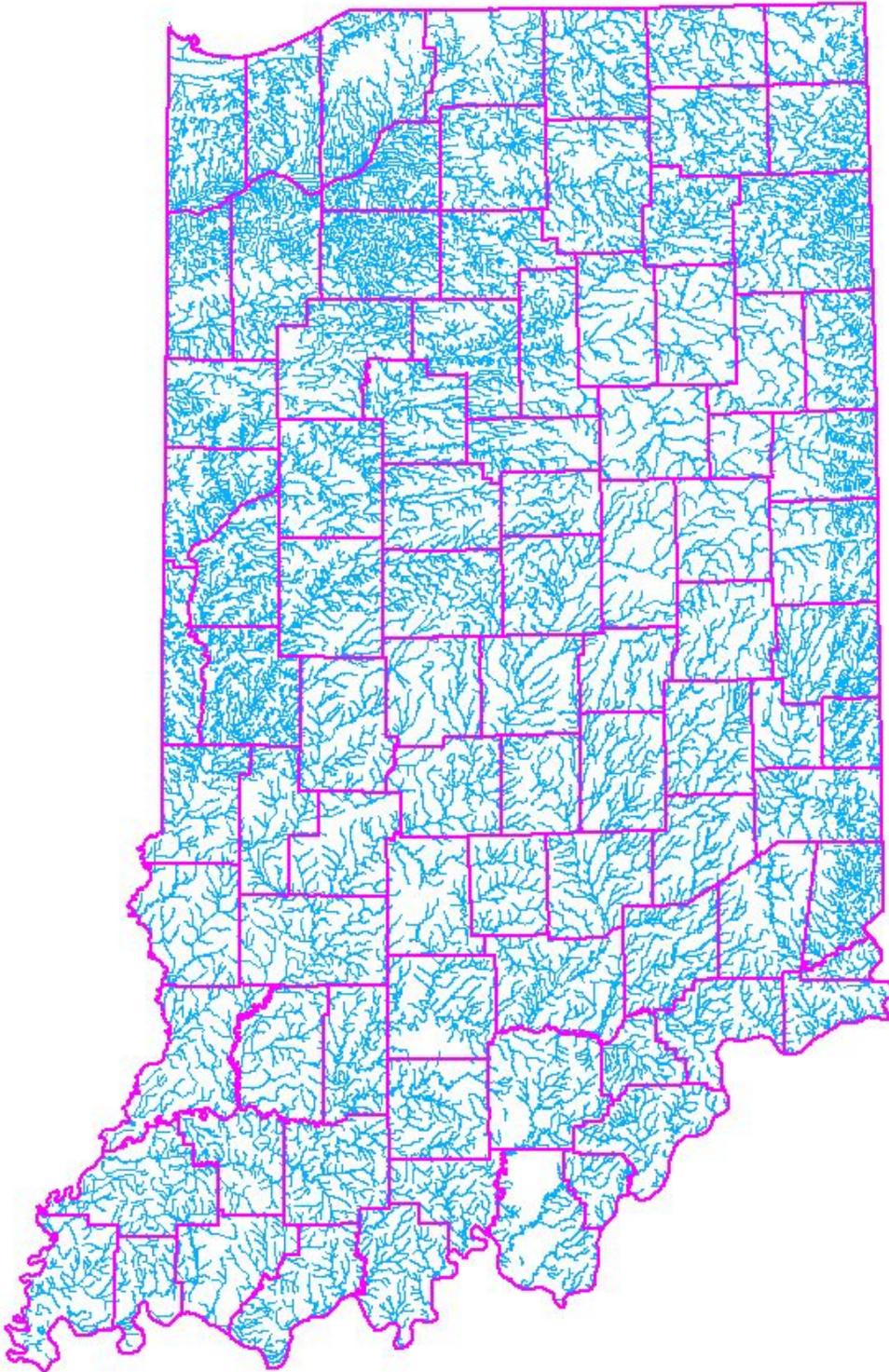
# Woodland Species

-  County Boundaries
-  Woodland Habitat Needed



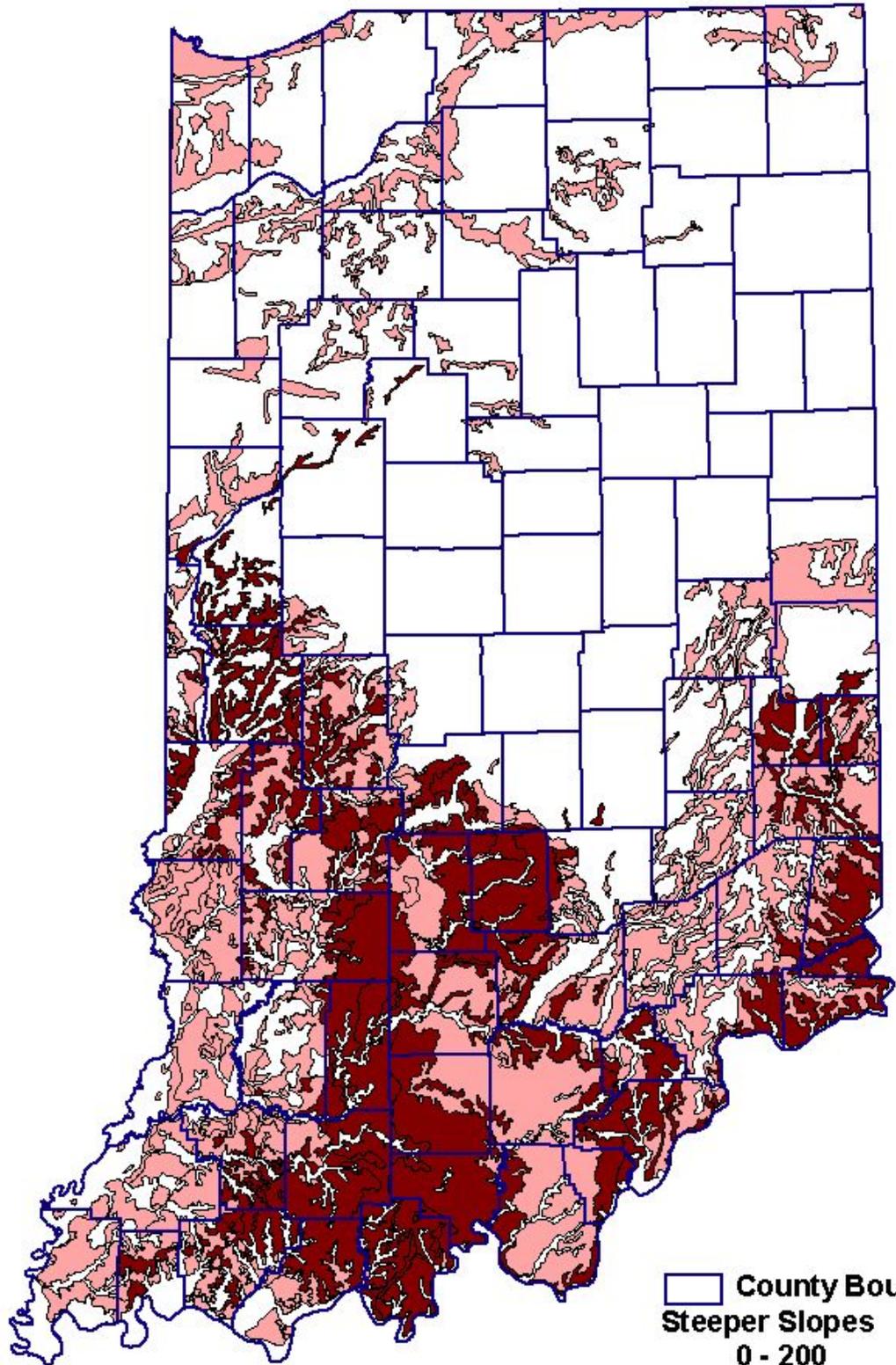
# Grassland Species

-  County Boundaries
-  Grassland Habitat Needed

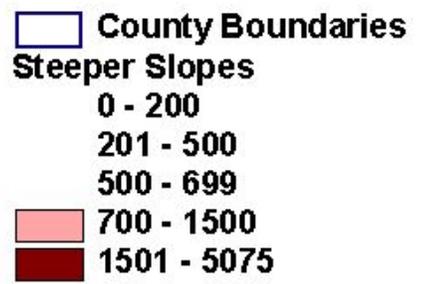


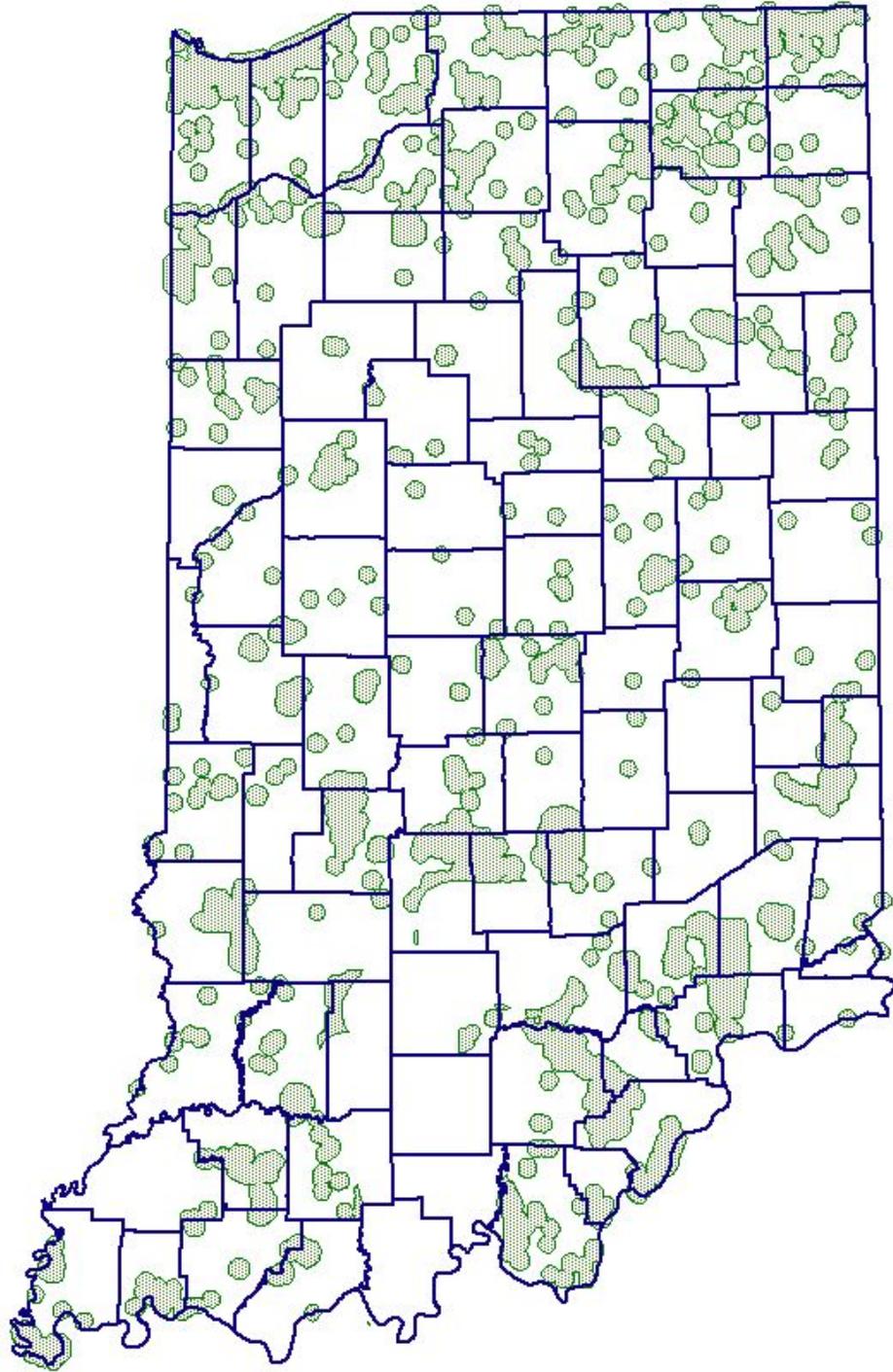
- Counties.shp
- Hydrography\_line\_nhd\_in.shp

# Streams



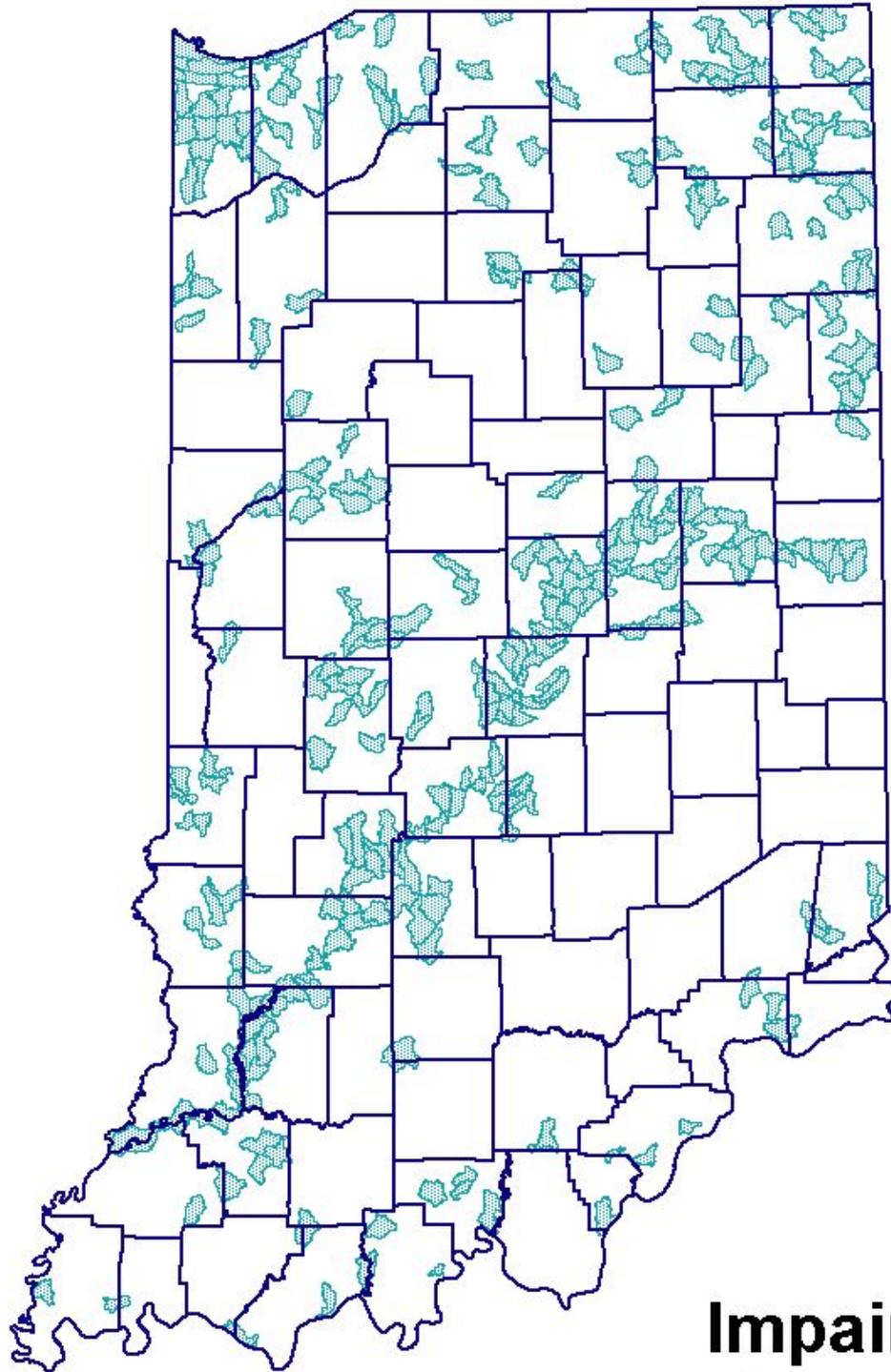
# Steep Slopes





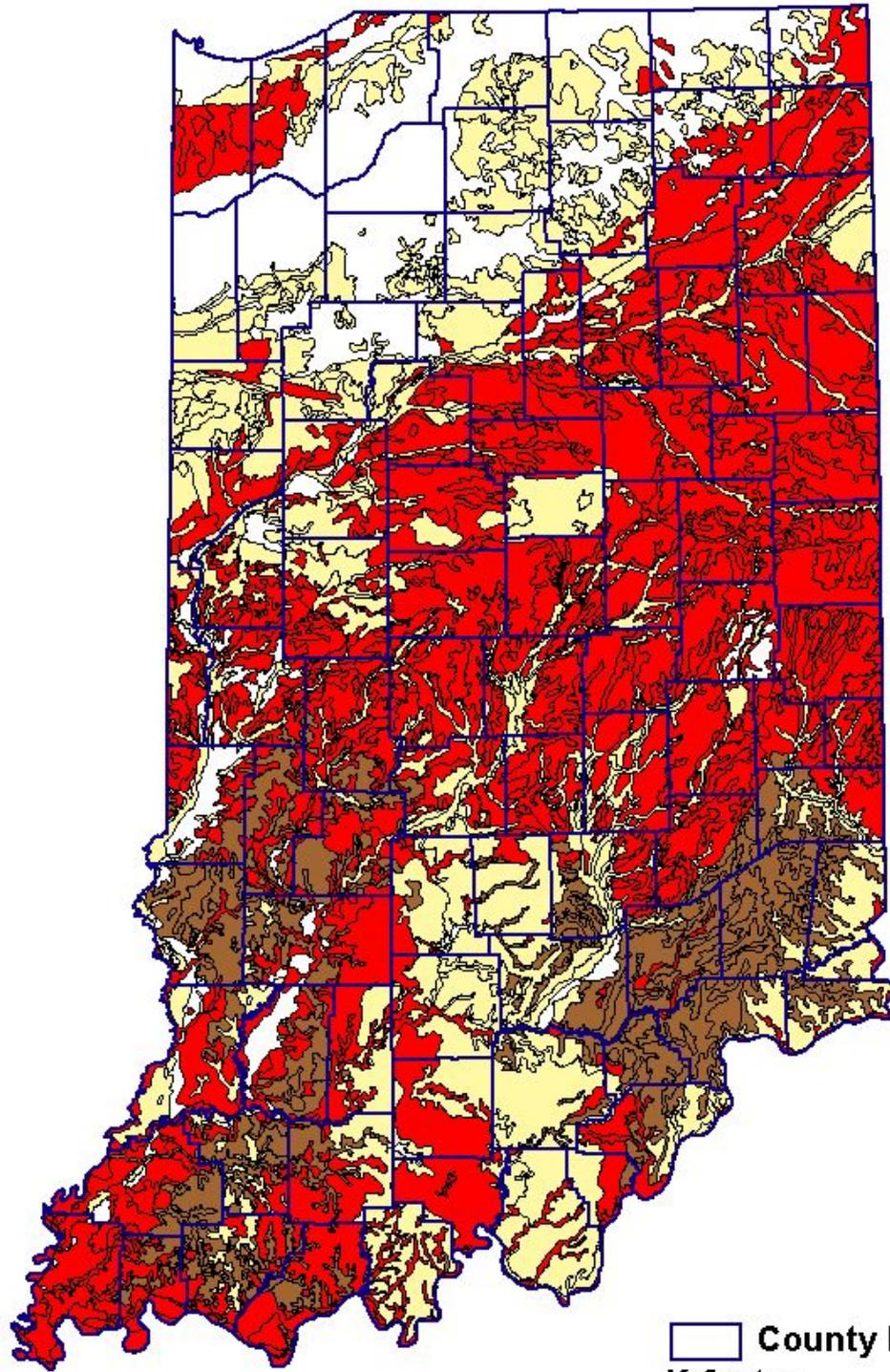
-  County Boundaries
-  Managed Areas

# Public Lands



# Impaired Aquatic Communities

-  County Boundaries
-  Impaired Aquatic Communities



County Boundaries

K-factor

0 - 1020

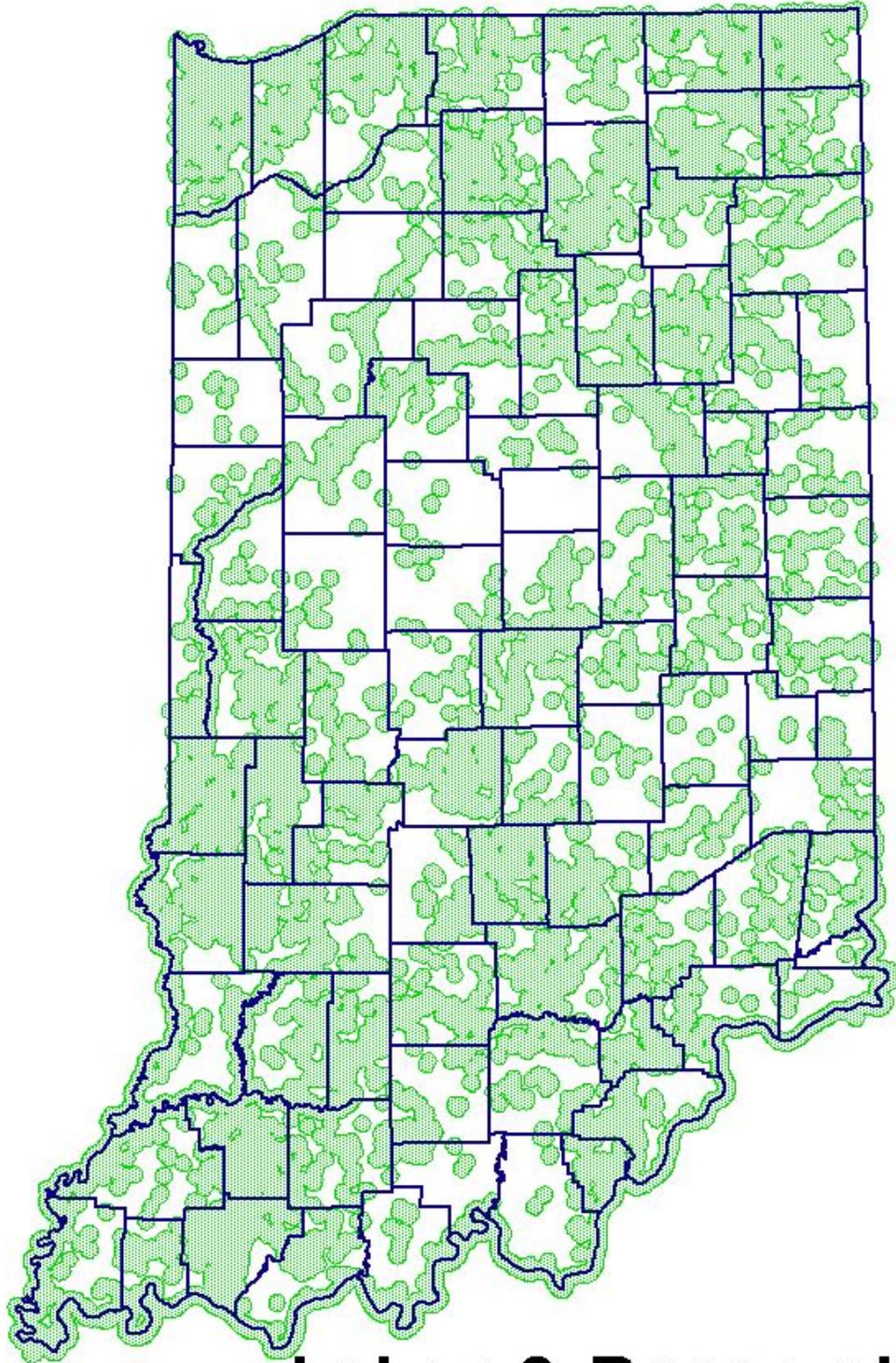
1021 - 2645

2646 - 3347

3348 - 3853

3854 - 4264

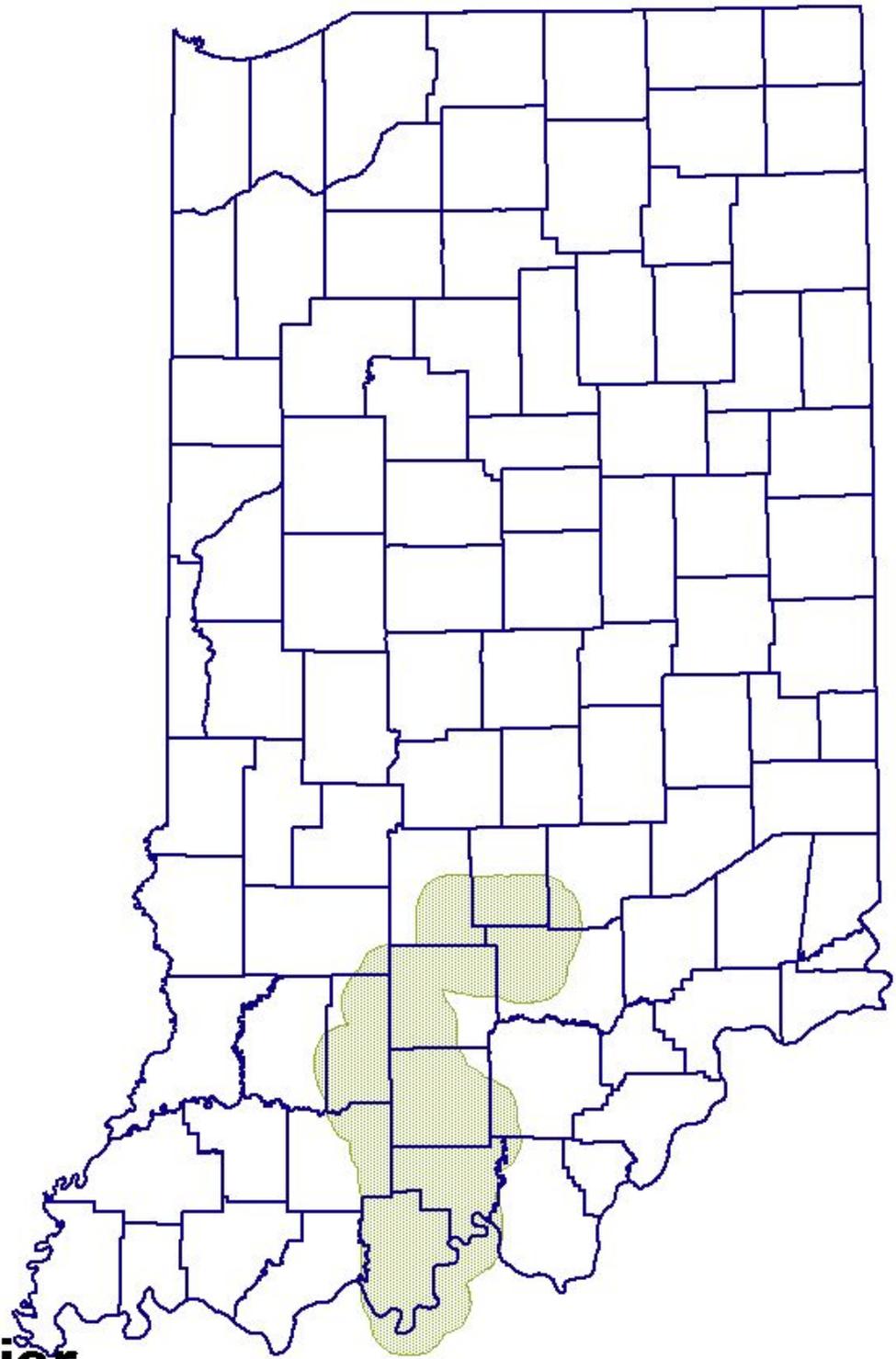
# K-factors



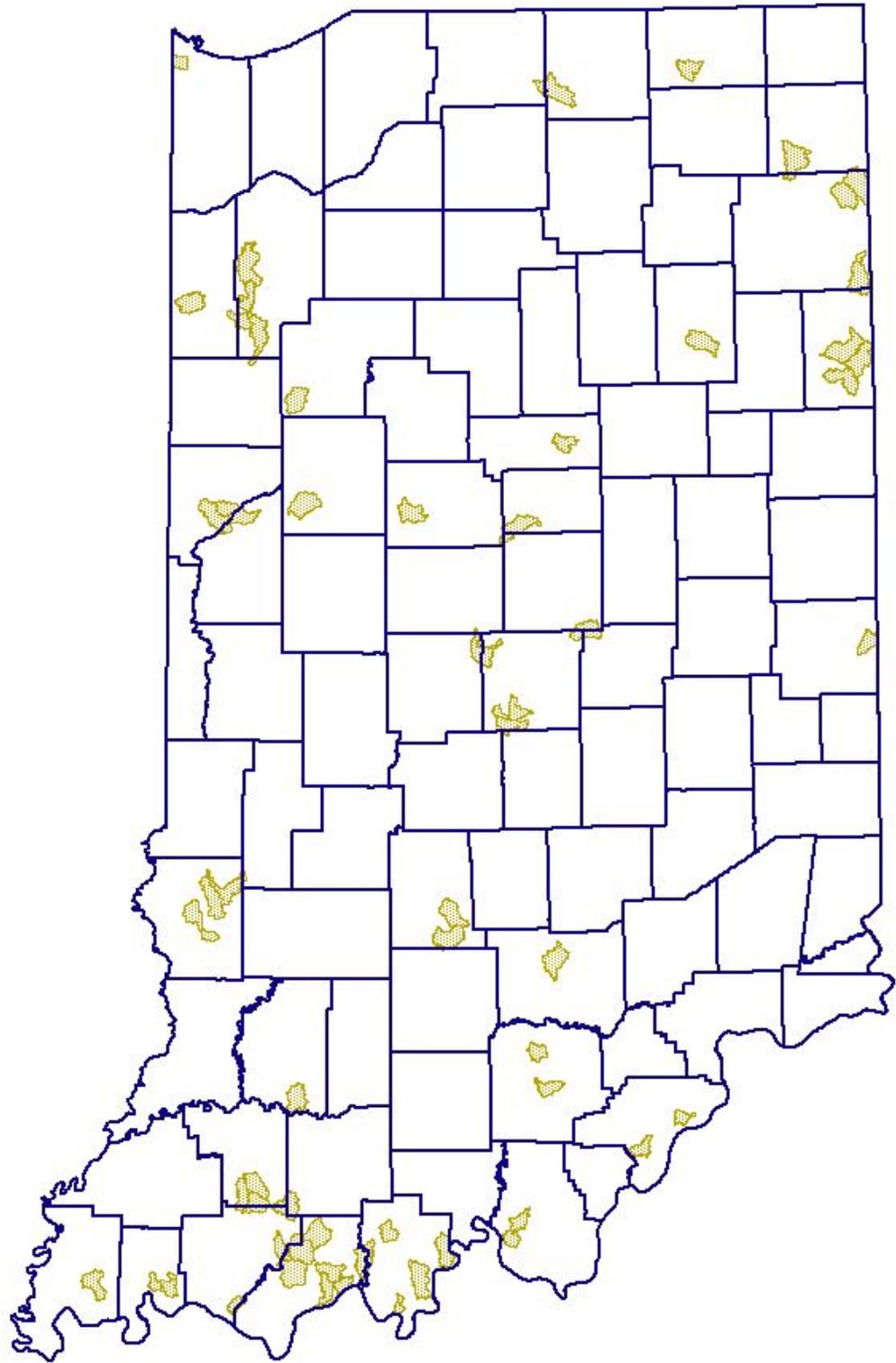
## Lakes & Reservoirs

-  County Boundaries
-  Lakes&Rivers

# Hoosier National Forest

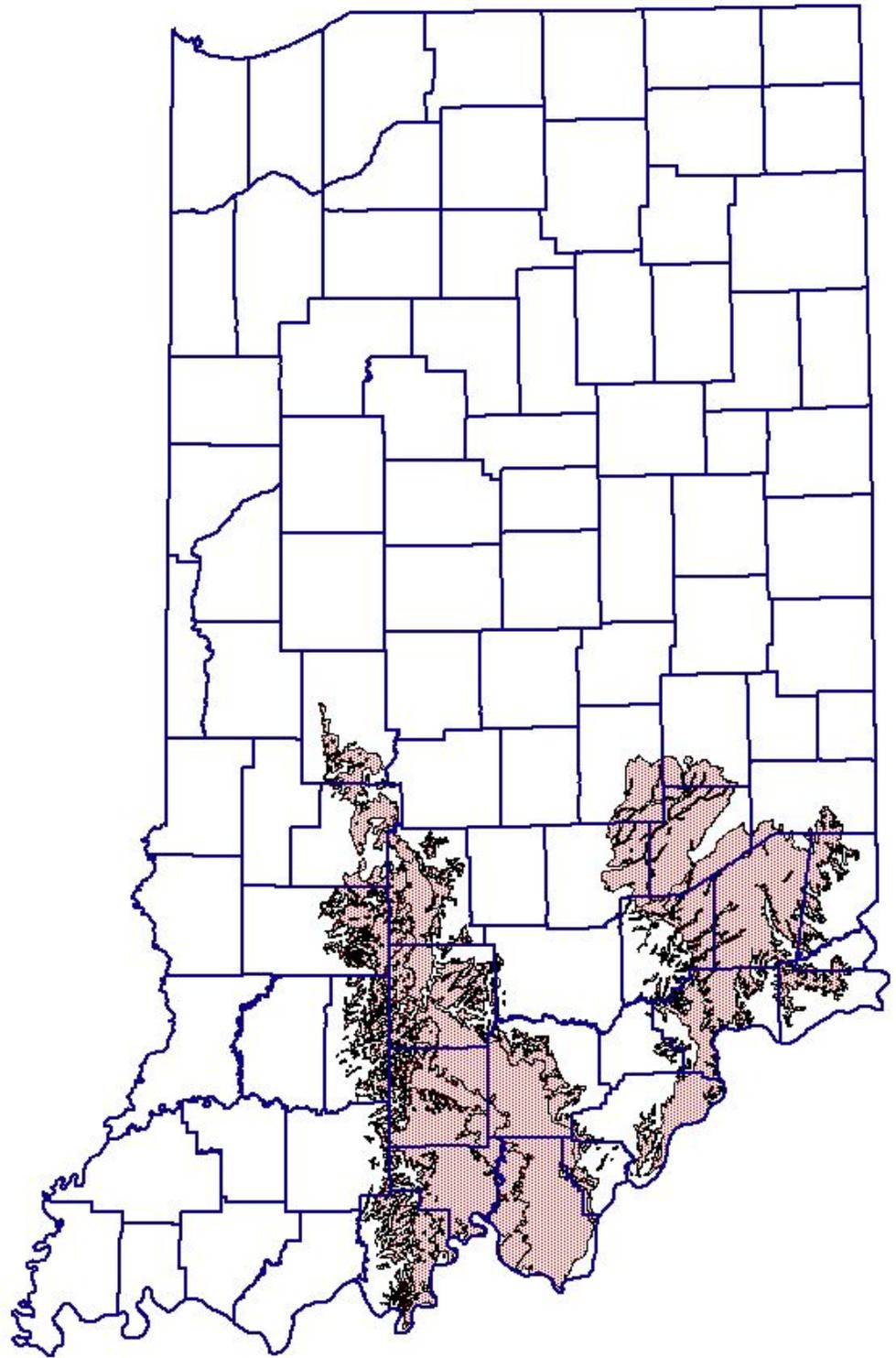


-  County Boundaries
-  Hoosier Nat. Forest



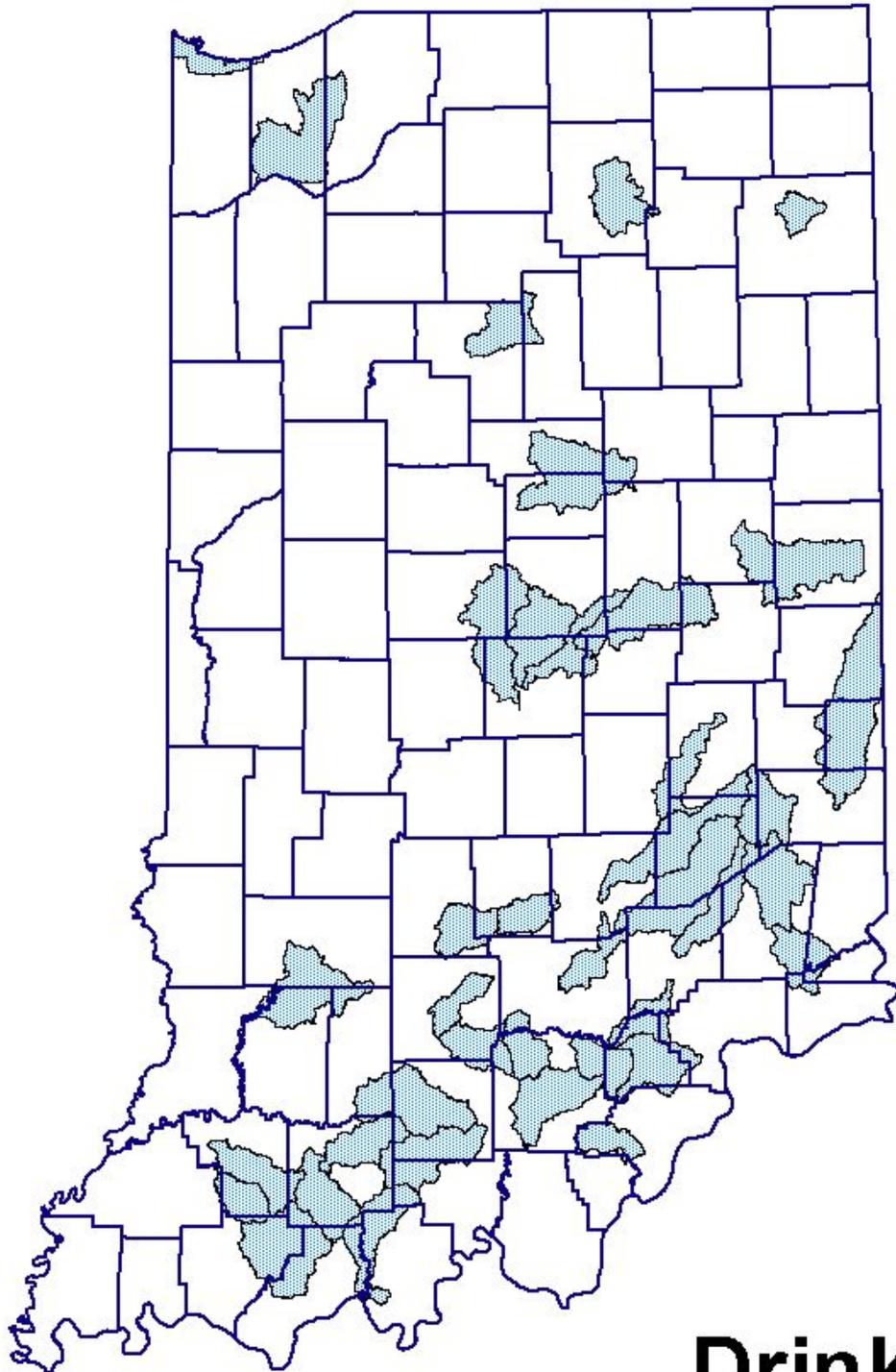
# Excess Nutrients

- County Boundaries
- Excess Nutrient Loads



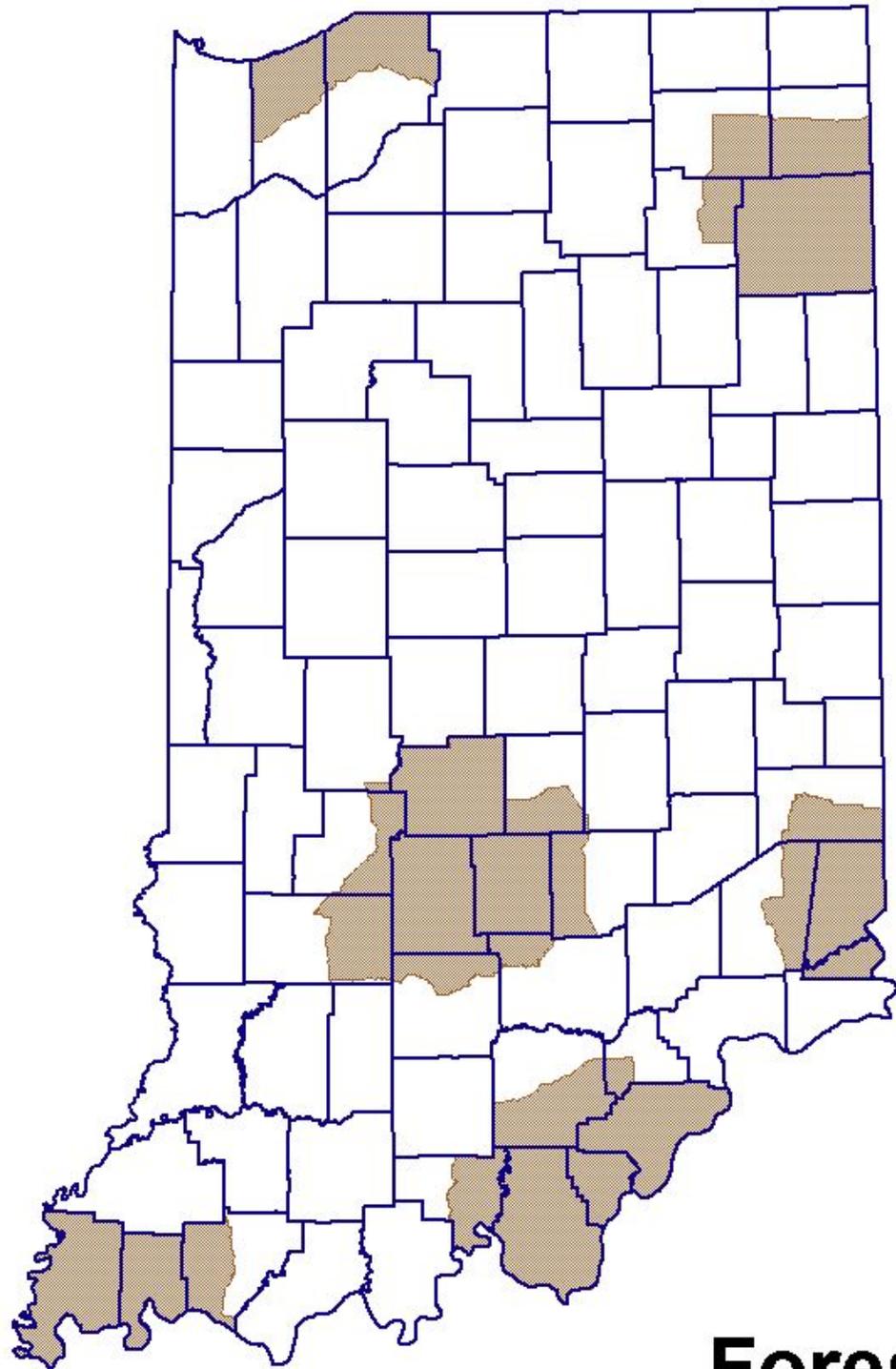
-  County Boundaries
-  Karst

# Karst



-  County Boundaries
-  Drinking Water Intakes

# Drinking Water Intakes



-  County Boundaries
-  Forest Legacy Areas

# Forest Legacy Areas