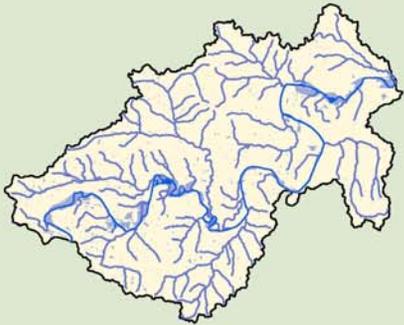


Proximity to Streams and Waterbodies

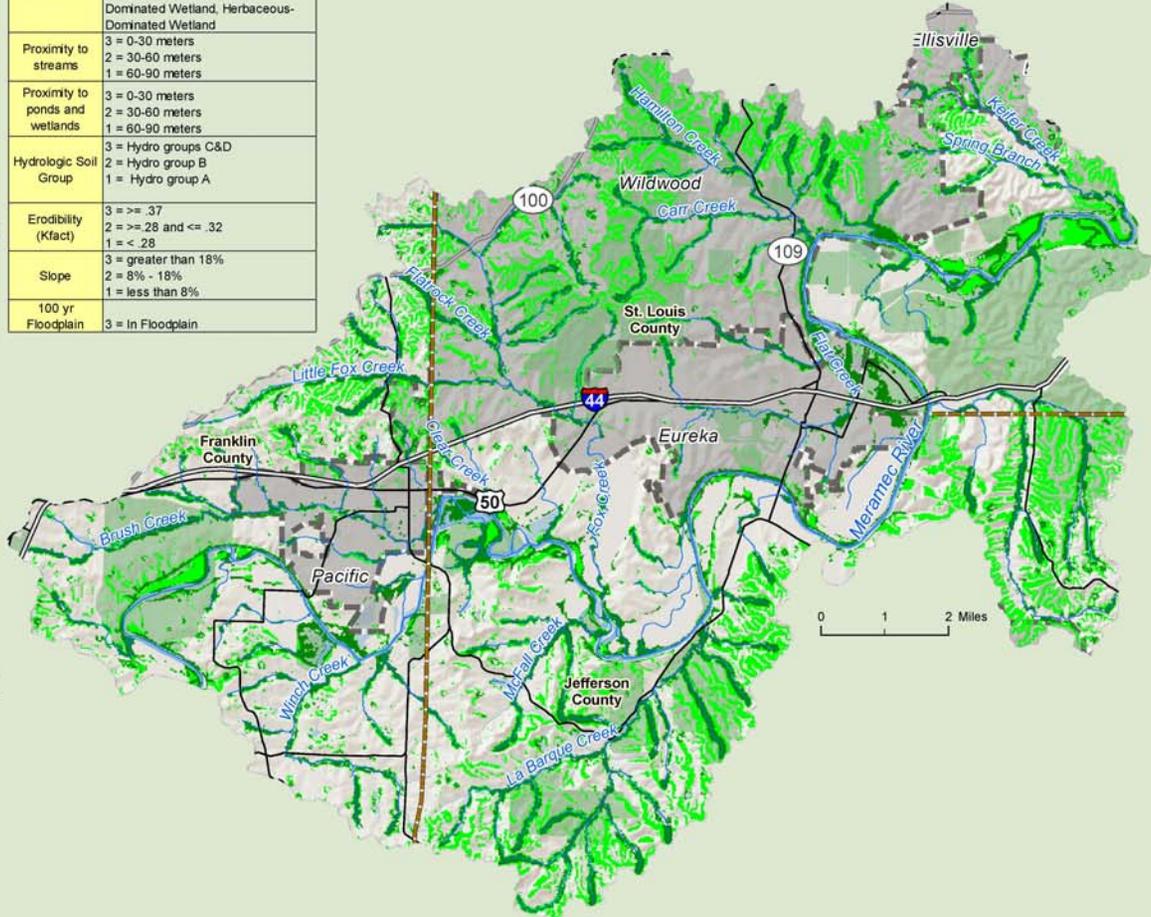


Lower Meramec Drinking Water Source Protection Project

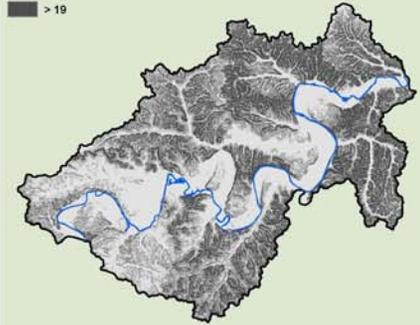
Conservation Priority Index (CPI) Areas

May 5, 2009

Scored on 0-3 scale	CPI Conservation Priority Index
Land Use	3 = Deciduous Forest, Evergreen Forest, Deciduous Woody/Herbaceous, Wood-Dominated Wetland, Herbaceous-Dominated Wetland
Proximity to streams	3 = 0-30 meters 2 = 30-60 meters 1 = 60-90 meters
Proximity to ponds and wetlands	3 = 0-30 meters 2 = 30-60 meters 1 = 60-90 meters
Hydrologic Soil Group	3 = Hydro groups C&D 2 = Hydro group B 1 = Hydro group A
Erodibility (Kfact)	3 = >= .37 2 = >= .28 and <= .32 1 = < .28
Slope	3 = greater than 18% 2 = 8% - 18% 1 = less than 8%
100 yr Floodplain	3 = In Floodplain

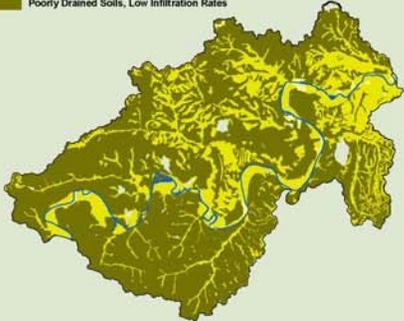


Slope

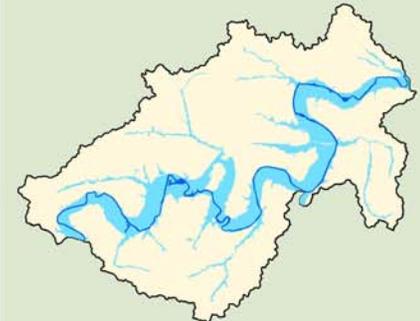


Soils Hydrologic Class

- Well Drained Soils, High Infiltration Rates
- Moderately Drained Soils
- Poorly Drained Soils, Low Infiltration Rates

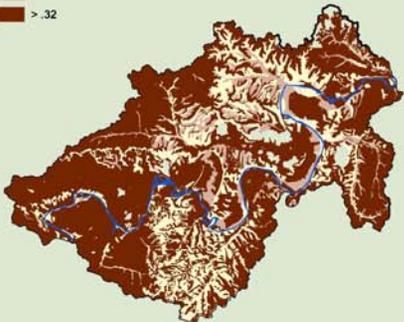


FEMA 100 Year Flood Plain



Soil Erodibility - K Factor

- <= .28
- > .28 and <= .32
- > .32



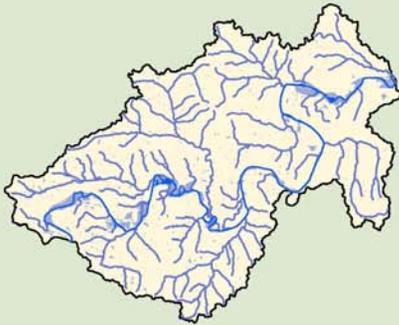
Legend

- CPI 90th percentile 13 - 21
- CPI 70th percentile 12 - 21
- Protected Land
- Meramec River
- City Boundary
- County Boundary
- Rivers and Streams
- Interstate
- Highway
- Local Road

Based on the Watershed Management Priority Indices (WMPPI) Model developed by the Forest to Pauses Partnership in collaboration with LMASS, USFS, and TPL. <http://www.wmppartnership.org/>



Proximity to Streams and Waterbodies



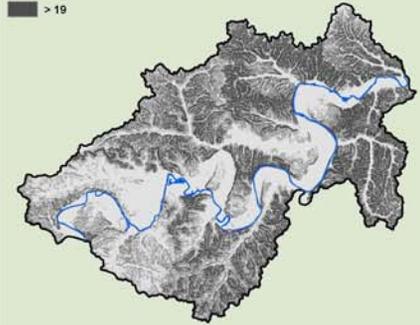
Lower Meramec Drinking Water Source Protection Project

Restoration Priority Index (RPI) Areas

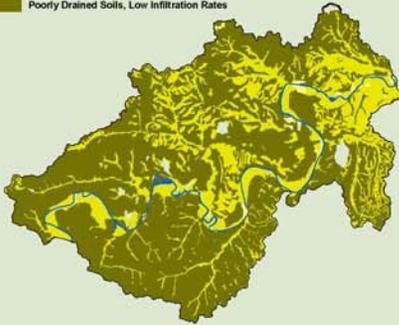
May 5, 2009

Scored on 0-3 scale	RPI Restoration Priority Index
Land Use	3 = cropland, barren or sparsely vegetated 2 = Grassland
Proximity to streams	3 = 0-30 meters 2 = 30-60 meters 1 = 60-90 meters
Proximity to ponds and wetlands	3 = 0-30 meters 2 = 30-60 meters 1 = 60-90 meters
Hydrologic Soil Group	3 = Hydro groups C&D 2 = Hydro group B 1 = Hydro group A
Erodibility (Kfact)	3 = >= .37 2 = >= .28 and <= .32 1 = <= .28
Slope	3 = greater than 18% 2 = 8% - 18% 1 = less than 8%
100 yr Floodplain	3 = In Floodplain

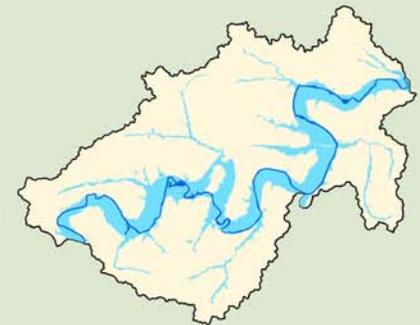
Slope



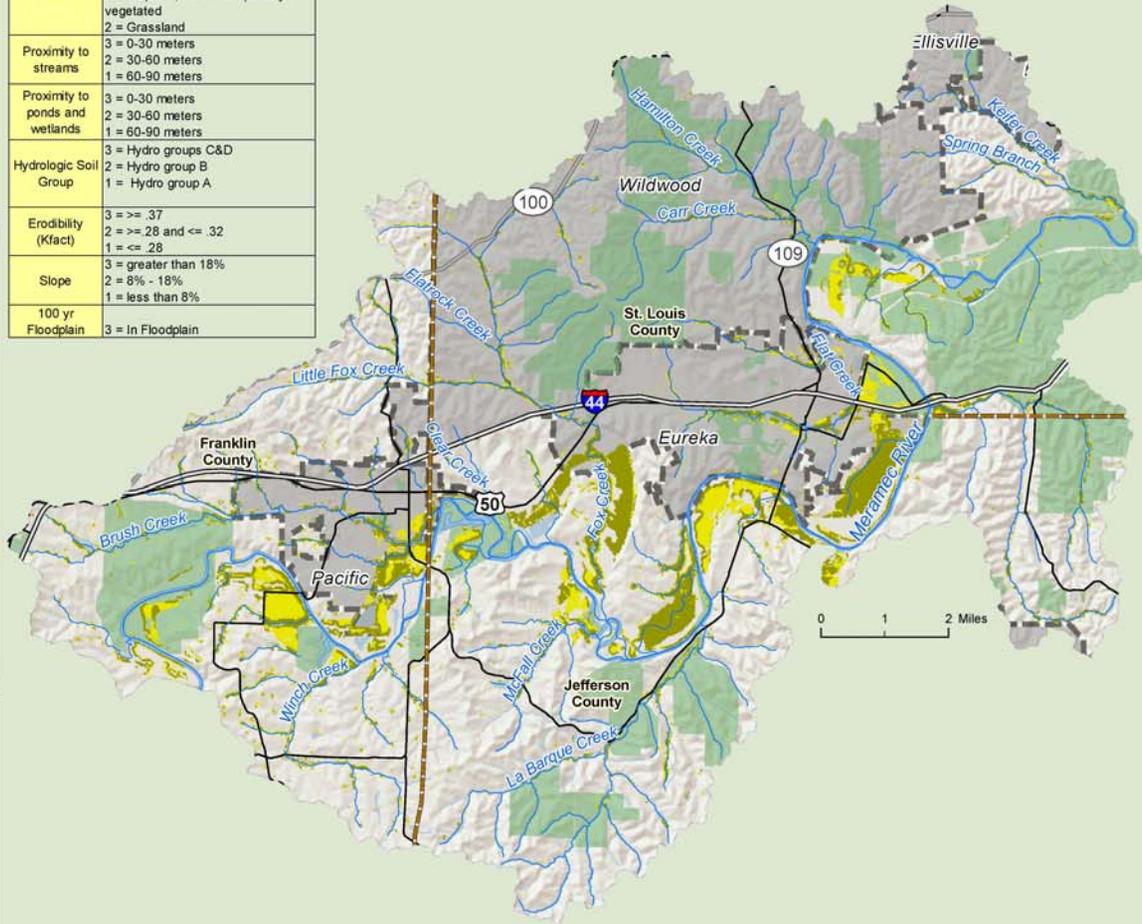
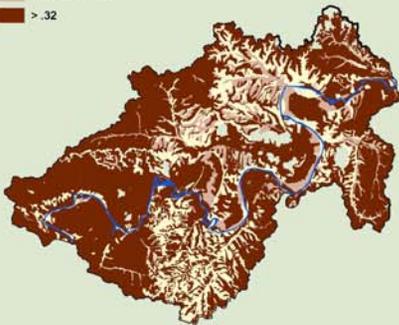
Soils Hydrologic Class



FEMA 100 Year Flood Plain



Soil Erodibility - K Factor



Legend

RPI 90th percentile

RPI 70th percentile

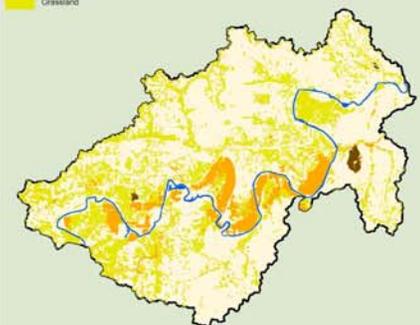
Based on the Watershed Management Priority Indices (WMPPI) Model developed by the Forest to Pasture Partnership in collaboration with LMAS, USFS, and TPL. <http://www.wmppartnership.org/>

- Protected Land
- Meramec River
- City Boundary
- County Boundary
- Rivers and Streams

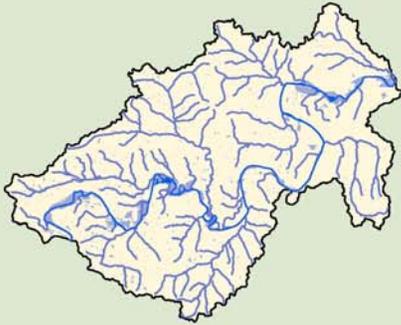
- Interstate
- Highway
- Local Road



Landuse - Agriculture, Barren, Grassland



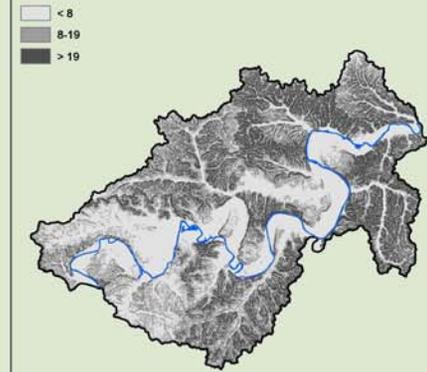
Proximity to Streams and Waterbodies



Lower Meramec Drinking Water Source Protection Project Storm Water Management Priority Index (SMPI) Areas May 5, 2009

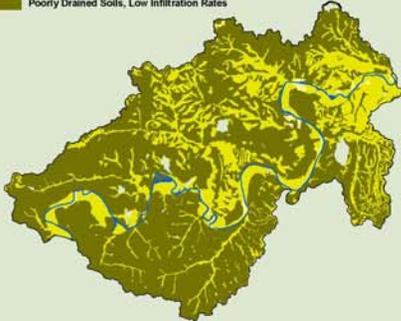
Scored on D-3 scale	SMPI Stormwater Management Priority Index
Land Use	3 = high intensity urban, impervious 1 = low intensity urban
Proximity to streams	3 = 0-30 meters 2 = 30-60 meters 1 = 60-90 meters
Proximity to ponds and wetlands	3 = 0-30 meters 2 = 30-60 meters 1 = 60-90 meters
Hydrologic Soil Group	3 = Hydro groups C&D 2 = Hydro group B 1 = Hydro group A
Erodibility (Kfact)	3 = >= .37 2 = >= .28 and <= .32 1 = < .28
Slope	3 = greater than 18% 2 = 8% - 18% 1 = less than 8%
100 yr Floodplain	3 = In Floodplain

Slope



Soils Hydrologic Class

- Well Drained Soils, High Infiltration Rates
- Moderately Drained Soils
- Poorly Drained Soils, Low Infiltration Rates

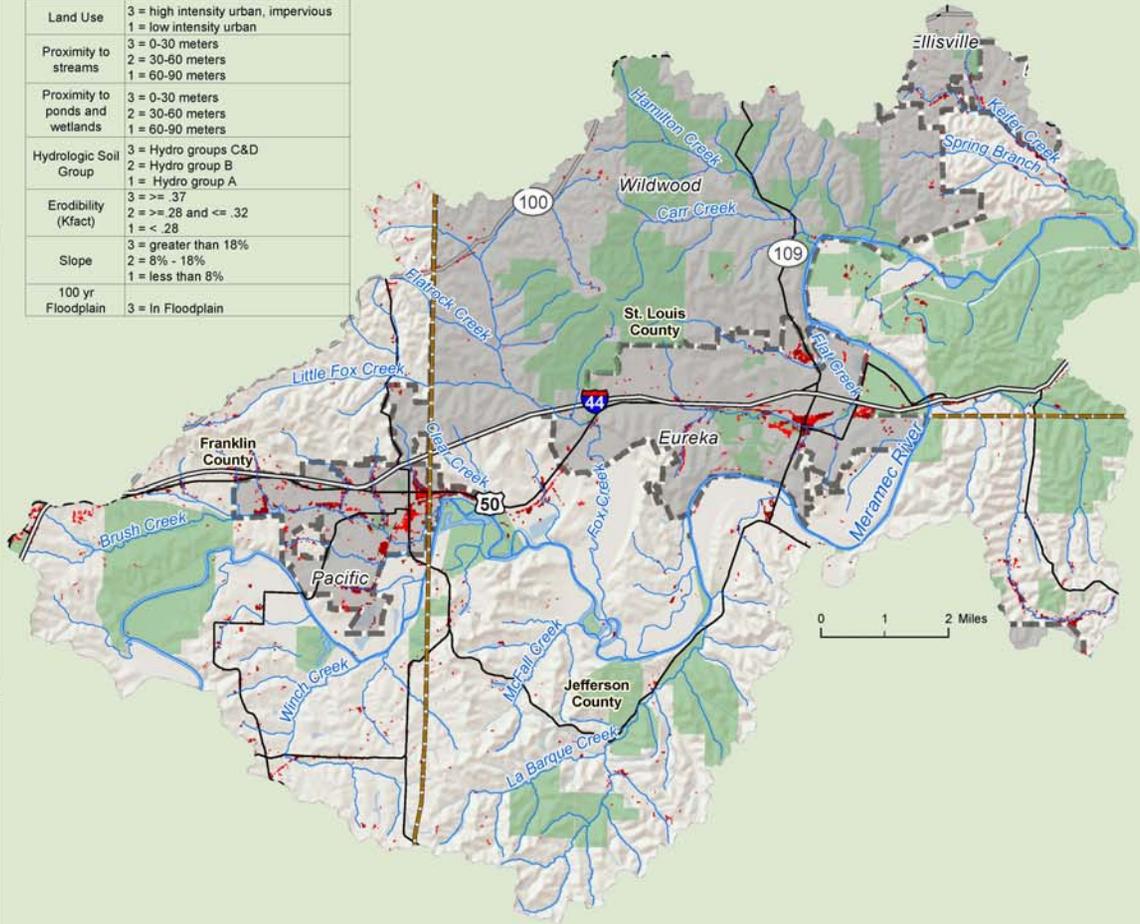
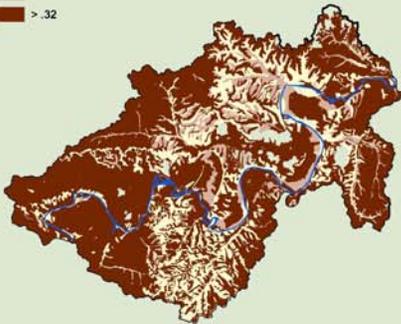


FEMA 100 Year Flood Plain



Soil Erodibility - K Factor

- <= .28
- > .28 and <= .32
- > .32



Legend

- SMPI 90th percentile 11 - 20
- SMPI 80th percentile 10 - 20
- Protected Land
- Meramec River
- City Boundary
- County Boundary
- Rivers and Streams
- Interstate
- Highway
- Local Road
- County Boundary

Based on the Watershed Management Priority Index (WMPPI) Model developed by the Forest to Pauses Partnership in collaboration with LMASS, USFS, and TPL. <http://www.wmppartnership.org/>



Landuse - Urban, Impervious

