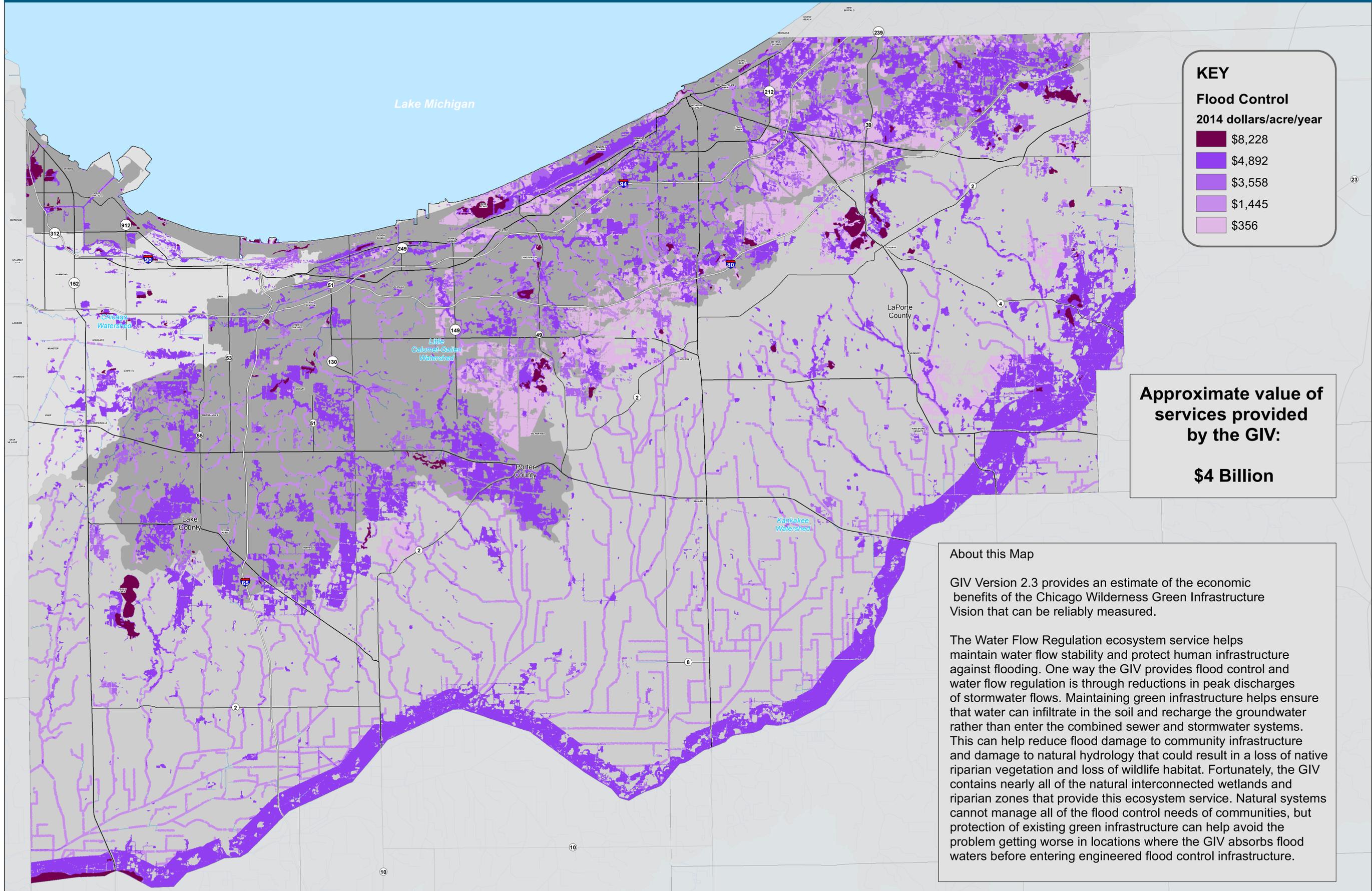


Water Flow Regulation/ Flood Control



Map Prepared by
The Conservation Fund, 2015.

1 in = 2 miles



KEY

Flood Control
2014 dollars/acre/year

Dark Purple	\$8,228
Medium Purple	\$4,892
Light Purple	\$3,558
Very Light Purple	\$1,445
Lightest Purple	\$356

**Approximate value of
services provided
by the GIV:**

\$4 Billion

About this Map

GIV Version 2.3 provides an estimate of the economic benefits of the Chicago Wilderness Green Infrastructure Vision that can be reliably measured.

The Water Flow Regulation ecosystem service helps maintain water flow stability and protect human infrastructure against flooding. One way the GIV provides flood control and water flow regulation is through reductions in peak discharges of stormwater flows. Maintaining green infrastructure helps ensure that water can infiltrate in the soil and recharge the groundwater rather than enter the combined sewer and stormwater systems. This can help reduce flood damage to community infrastructure and damage to natural hydrology that could result in a loss of native riparian vegetation and loss of wildlife habitat. Fortunately, the GIV contains nearly all of the natural interconnected wetlands and riparian zones that provide this ecosystem service. Natural systems cannot manage all of the flood control needs of communities, but protection of existing green infrastructure can help avoid the problem getting worse in locations where the GIV absorbs flood waters before entering engineered flood control infrastructure.