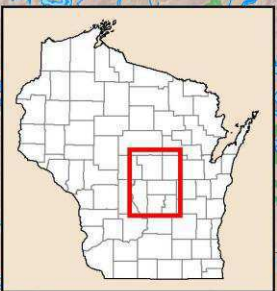


**Central Sands lakes and rivers affected by
excessive groundwater pumping**

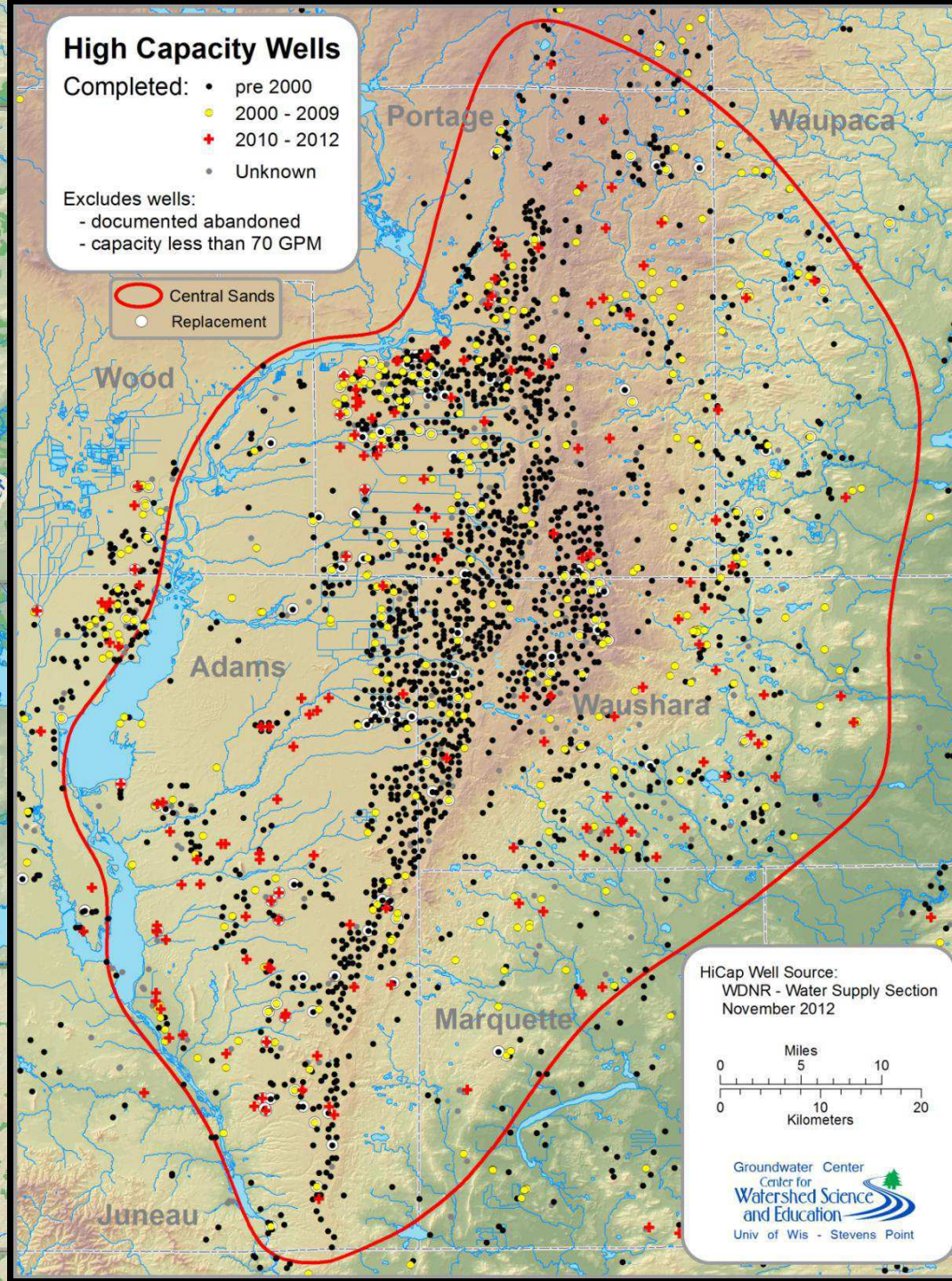


High Capacity Wells

Completed: • pre 2000
• 2000 - 2009
+ 2010 - 2012
• Unknown

Excludes wells:
- documented abandoned
- capacity less than 70 GPM

○ Central Sands
○ Replacement



HiCap Well Source:
WDNR - Water Supply Section
November 2012

Miles
0 5 10
Kilometers
0 10 20

Groundwater Center
Center for
Watershed Science
and Education
Univ of Wis - Stevens Point



Long Lake, Tn. Oasis, Waushara County

This former trophy bass lake never dried in anyone's memory. It used to be up to 14 feet deep. It now has about 3 feet of water, in it at the deep spot, not enough to support waterskiing and fish.



Pickerel Lake, Portage County

This is the view from the boat landing , now 100 feet from water. The lake now winterkills regularly, and the camp for indigent children (at left) is losing its water front.



Wolf Lake, SW Portage County

This used to be a county beach where hundreds would recreate on weekends. Water levels are too low for swimming and the county has lost use of its park since 2003.



Stoltenberg Cr., Portage Co

This trout stream west of Nelsonville gets shorter and shorter every year as more irrigation wells go in. And it dries in whole reaches as well.



Little Plover, Portage County

The Little Plover River, a class I trout stream. It dried in sections every year from 2005-2009 due to pumping. It flowed below “healthy levels” (public rights flow) 80% of the time in 2012 and 2013.



Huron Lake near Plainfield. Note where the trees and docks are showing where water levels used to be. This lake supports the cottages of visitors from out of the area who support the tourist economy and tax base. The cottages around this lake supply the same amount of property tax as 40,000 acres of ag land.



Trib of Tenmile Creek, Adams County

Formerly robust stream stretches of trout waters are now regularly going dry during irrigation season. 2013 photo.



Pine Lake, Waushara County

Near Hancock. Note that the dock is high and dry. The weather has gotten wetter, pumping is the only cause..



Patrick Lake, Adams County

Note tree line where water levels were historically.

1996



The American flag on sand point in 1996 and 2013.

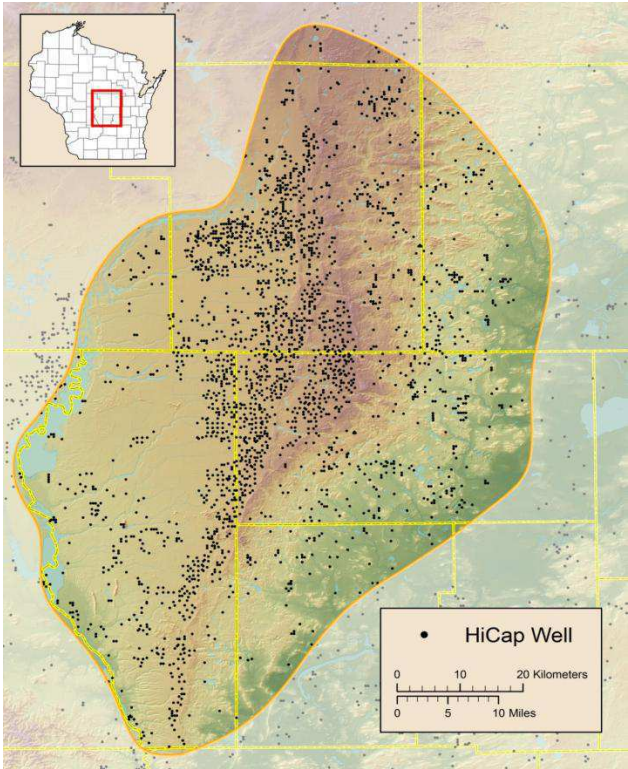
The Flag didn't move, the water went down.

**Pleasant Lake,
Waushara
County**

2013



Average Water Level Declines
from Pumping in the central
sands



UW
Extension
University of Wisconsin–Extension

