Dakota County, Minnesota

Hydric Soils and National Wetlands Inventory (NWI) Comparison

Minnesota Board of Water & Soil Resources
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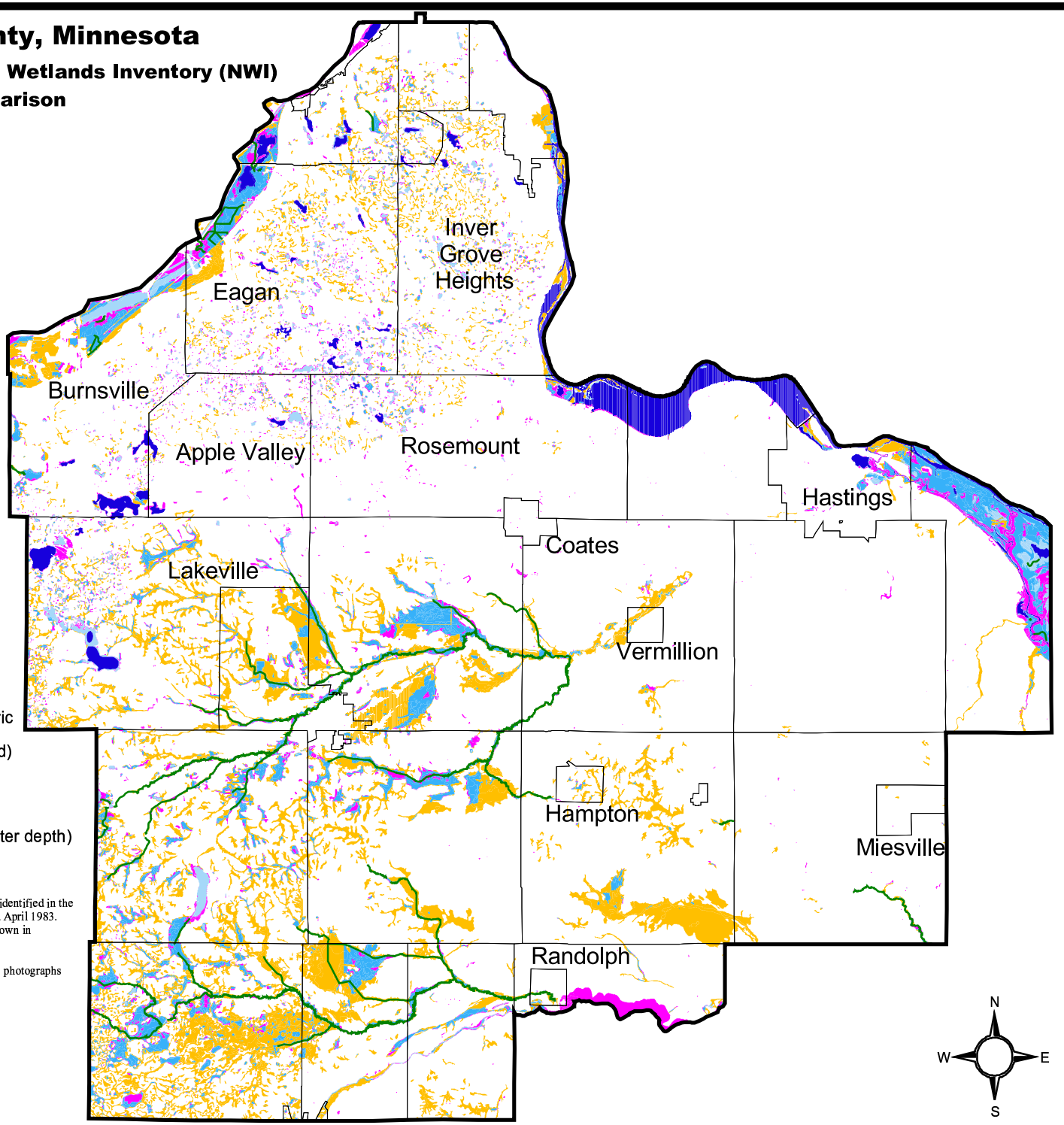
November, 2001



County
Cities and Townships
Streams and Ditches
Stream Source: MNDOT Basemap CD, 1:24,000

Acres	Hydric Soil and NWI Status
7,308*	1 NWI but Soil Map Unit mostly not Hydric
	*1,269 acres exist in NWI with "d" special modifier.
3,778*	2 "W" Soil and NWI (open water wetland)
	*24 acres exist in NWI with "d" special modifier.
16,425*	3 Hydric and NWI (wetland)
	*7,142 acres exist in NWI with "d" special modifier.
34,862	4 Hydric but NOT NWI
8,568	5 Deep Water (Hydric and > 2 meter water depth)

Total County Area = 374,985 Acres

A subset of the USDA - NRCS Big Stone County Hydric Soil Unit list was used for this analysis. Only those soil map units that had a composition of 75% or more of hydric components were used in this analysis.

Sources: Hydric Soils polygons were identified in the Dakota County Soil Survey published April 1983. Photography in this soil survey was flown in 1974.

Wetlands were interpreted from aerial photographs that were flown in 1980.

* Partly Drained Modifier: The water level has been artificially lowered, but the area is still classified as wetland because soil moisture is sufficient to support hydrophytes. Drained areas are not considered wetland if they can no longer support hydrophytes.

Given the spatial errors that can exist in this data due to its source, this information should be used for broad planning purposes only.