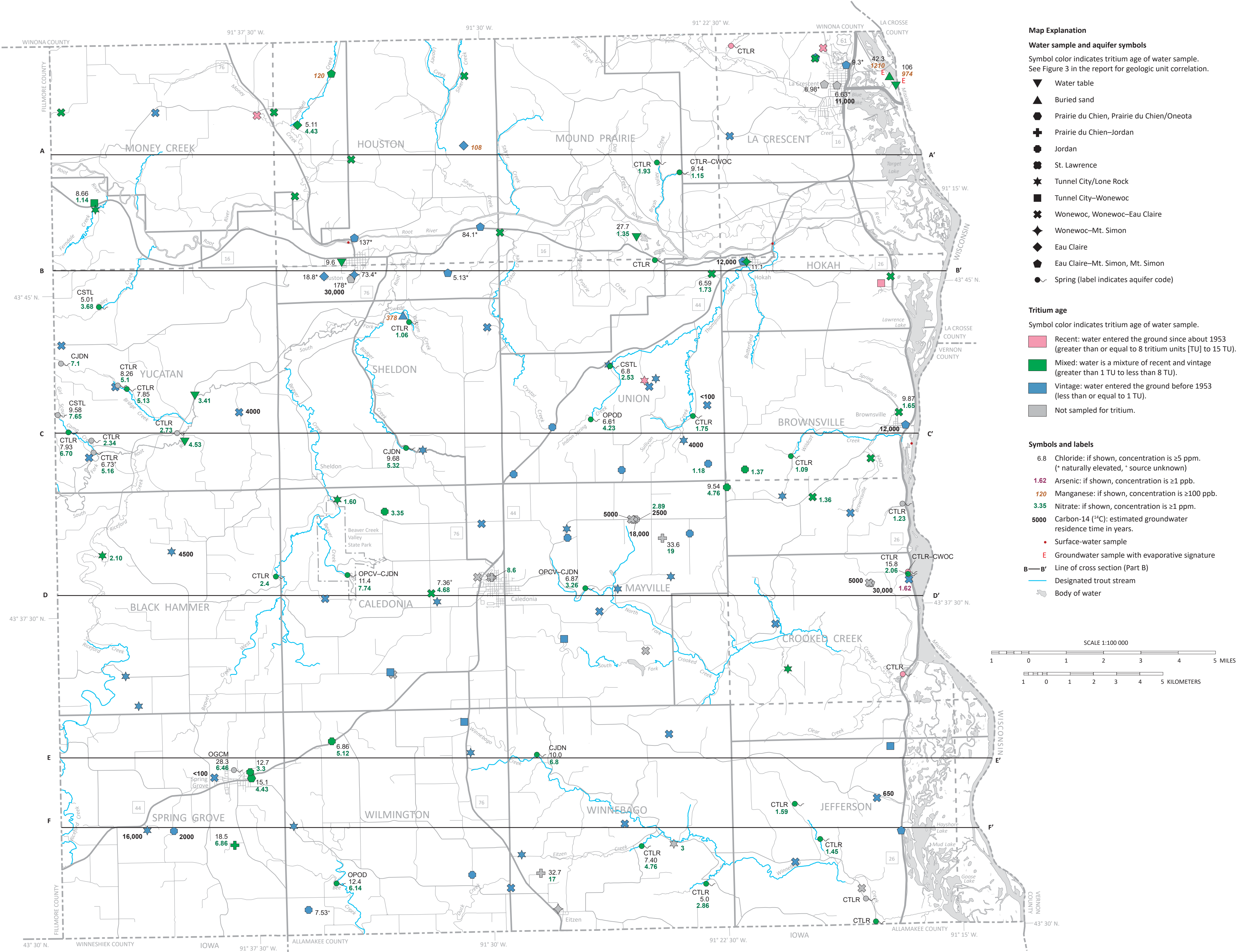


2025

To accompany atlas [Report](#) and [Plate 6](#).



Map Explanation

Water sample and aquifer symbols

Symbol color indicates tritium age of water sample. See Figure 3 in the report for geologic unit correlation.

- ▼ Water table
- ▲ Buried sand
- Prairie du Chien, Prairie du Chien/Oneota
- ✚ Prairie du Chien–Jordan
- Jordan
- St. Lawrence
- ★ Tunnel City/Lone Rock
- Tunnel City–Wonewoc
- ✕ Wonewoc, Wonewoc–Eau Claire
- ◆ Wonewoc–Mt. Simon
- ◆ Eau Claire
- Eau Claire–Mt. Simon, Mt. Simon
- Spring (label indicates aquifer code)

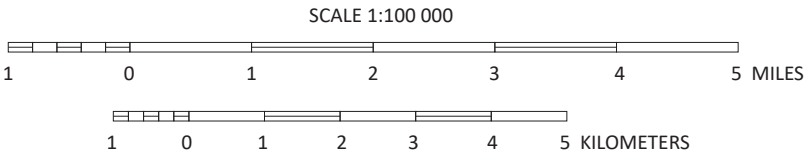
Tritium age

Symbol color indicates tritium age of water sample.

- Recent: water entered the ground since about 1953 (greater than or equal to 8 tritium units [TU] to 15 TU).
- Mixed: water is a mixture of recent and vintage (greater than 1 TU to less than 8 TU).
- Vintage: water entered the ground before 1953 (less than or equal to 1 TU).
- Not sampled for tritium.

Symbols and labels

- 6.8 Chloride: if shown, concentration is ≥5 ppm. (* naturally elevated, * source unknown)
- 1.62 Arsenic: if shown, concentration is ≥1 ppb.
- 120 Manganese: if shown, concentration is ≥100 ppb.
- 3.35 Nitrate: if shown, concentration is ≥1 ppm.
- 5000 Carbon-14 (¹⁴C): estimated groundwater residence time in years.
- Surface-water sample
- E Groundwater sample with evaporative signature
- B—B' Line of cross section (Part B)
- Designated trout stream
- Body of water



This map was compiled and generated in a geographic information system (GIS). GIS data files for individual counties can be downloaded from the DNR Groundwater Atlas Program's County Geologic Atlas Series [webpage](#).

This map was prepared from publicly available information. Every reasonable effort has been made to ensure the accuracy of the data on which this map interpretation is based. However, the DNR does not warrant the accuracy, completeness, or any implied uses of these data. Users may wish to verify critical information; sources include both the references in the report and information on file in the offices of the Minnesota Geological Survey and the DNR. Every effort has been made to ensure the interpretation shown conforms to sound geologic and cartographic principles. This map should not be used to establish legal title, boundaries, or locations of improvements.

Base modified from Minnesota Geological Survey, Geologic Atlas of Houston County, 2014. Universal Transverse Mercator projection, Zone 15N, North American Datum of 1983. North American Vertical Datum of 1988.

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