Plate 7. Previously interpreted area of the Upper-Vermillion-Missouri aquifer and potentiometric surface

Department of Environment and Natural Resources
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Geological Survey Program

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Scale: 1:100,000

0 1 2 3 4 5 6 Miles

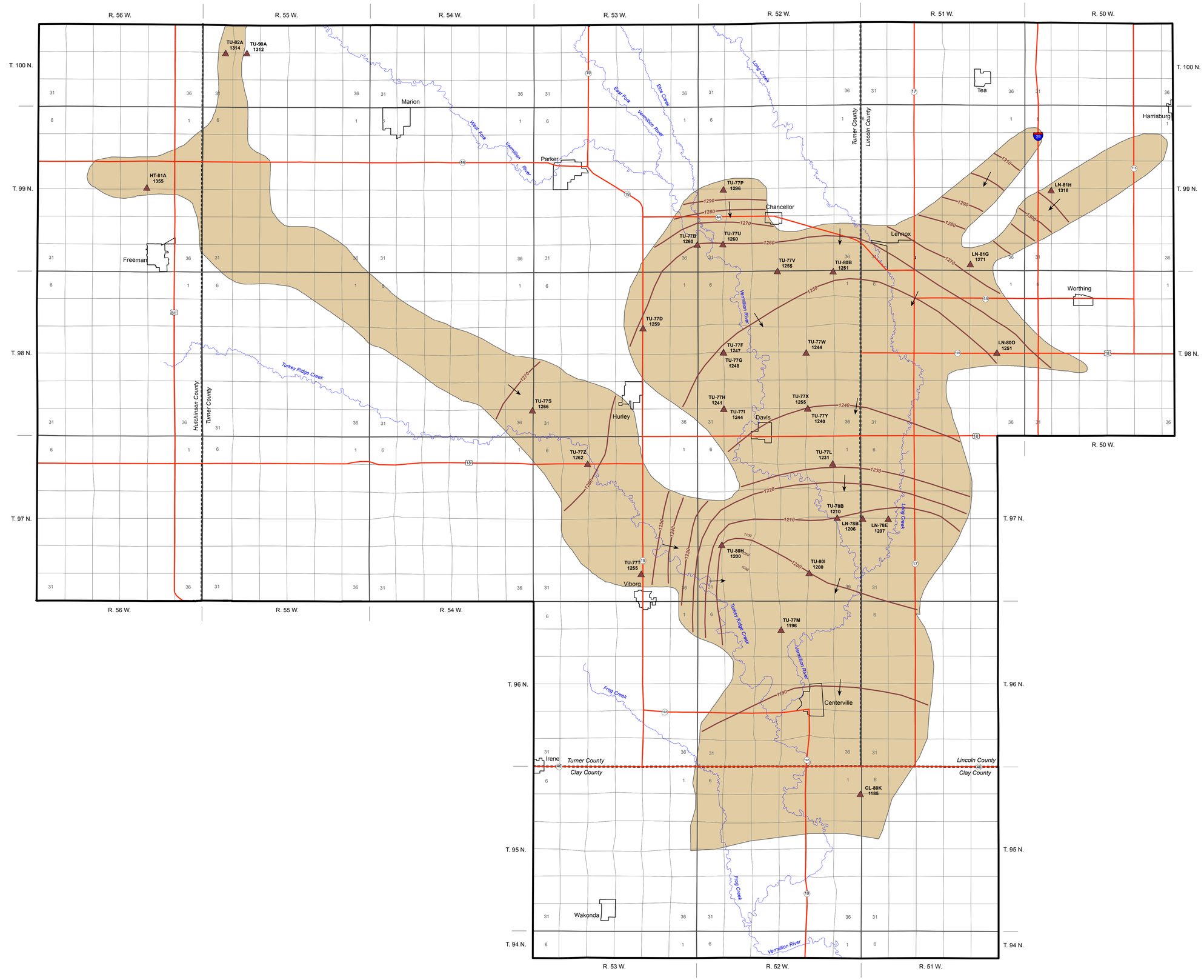
0 1 2 3 4 5 6 Kilometers

N W E S

- River or stream
- City boundary
- Highway
- Section boundary
- Township and range boundary
- County boundary
- Study area boundary

Previously interpreted area of the Upper-Vermillion-Missouri aquifer (Buhler, 2012)

2000 — Line connecting points of equal elevation on the potentiometric surface. Contour interval 10 feet. Data from May 2012. Although there are three wells with water elevations shown to the northwest of well TU-77S (NE corner of section 36, T. 98 N., R. 54 W.), these data are not accommodated by the potentiometric surface contours due to a lack of control on the potentiometric surface between well TU-77S and the three wells far to the northwest

TU-77X 1800 — Monitoring well previously interpreted to be in the Upper-Vermillion-Missouri aquifer. Label represents well name and water elevation in feet above mean sea level

Ground water flow direction