



**EXPLANATION**

**MAP regions**

- St. Francis
- Cache
- Grand Prairie
- Delta
- Boeuf

**Area of MRVA aquifer with insufficient groundwater altitude data**

**Urban area**

**State boundary**

**County boundary**

**Potentiometric contour**—Shows altitude at which water level would have stood in tightly cased wells (spring 2016). Dashed where approximately located. Hachures indicate depression. Contour interval 10 feet. Datum is North American Vertical Datum of 1988

**Regional groundwater-flow direction**

**Well in a groundwater-monitoring network with a groundwater altitude that was used in the spring 2016 potentiometric surface map, MRVA aquifer**

**Driller-measured well with a groundwater altitude that was used in the spring 2016 potentiometric surface map, MRVA aquifer**

**Streamgage with a surface-water altitude that was used in the spring 2016 potentiometric surface map, MRVA aquifer**

Base from U.S. Geological Survey digital data, 1:1,000,000 and 1:2,000,000, variously dated  
Highways from National Highway Planning Network, various scales, 2014  
Urban areas from U.S. Census Bureau, 1:500,000, 2015  
Albers, NAD83 projection  
Standard parallels 42°30'N and 29°30'N, central meridian 90°00'W  
World Geodetic Survey of 1984

Current extent of MRVA aquifer from Painter and Westerman, 2018  
MAP regions from Ladd and Travers, 2019

**Potentiometric Surface, Mississippi River Valley Alluvial (MRVA) Aquifer, Spring 2016, and Associated Groundwater and Surface-Water Control Points for the St. Francis and Cache Regions in the Mississippi Alluvial Plain (MAP)**

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