

Challenges for creating a site-specific groundwater-use record for the Ozark Plateaus aquifer system (central USA) from 1900 to 2010

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Table S1 Groundwater-use data sources for the Ozark system, including Arkansas (AR), Kansas (KS), Missouri (MO), and Oklahoma (OK)

Source	Type of Data	Years ^a	Spatial Coverage
Arkansas Natural Resources Commission ^b	Location, water-use category, groundwater-withdrawal rate	1900-2013	AR
Hallberg, 2016	Water system name, location, and groundwater-withdrawal rate	-	KS
Kansas Department of Health and Environment, 2004	Location, well depth	1975-2012	KS
Kansas Department of Health and Environment, 2016	Water system name, number, water-use category, county served	-	KS
Kansas Department of Agriculture, 2012	Location, water-use category, groundwater-withdrawal rate	1987-2012	KS
Kansas Geological Survey, 2015	Location, water-use category, groundwater-withdrawal rate, well depth	1959-2012	KS
Kansas Rural Water Association, 2016	Water system name, location, water-use category	-	KS
Barnett, 2003	Groundwater-withdrawal rate, county served	1996-2000	MO
Missouri Division of Health, 1962	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1962	MO
Missouri Division of Health, 1966	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1966	MO
Missouri Division of Health, 1969	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1969	MO
Missouri Division of Health, 1971	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1971	MO
Missouri Department of Natural Resources, 1973	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1973	MO
Missouri Department of Natural Resources, 1975	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1975	MO
Missouri Department of Natural Resources, 1977	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1977	MO
Missouri Department of Natural Resources, 1980	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1980	MO
Missouri Department of Natural Resources, 1982	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1982	MO

Missouri Department of Natural Resources, 1985	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1985	MO
Missouri Department of Natural Resources, 1987	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	1987	MO
Sturgess, 2006	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	2006	MO
Missouri Department of Natural Resources, 2007	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	2006	MO
Missouri Department of Natural Resources ^c	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	2012	MO
Missouri Department of Natural Resources, 2013a	Water system name, well logs, location	-	MO
Missouri Department of Natural Resources, 2013b	Location, water-use category, groundwater-withdrawal rate	1987-2012	MO
University of Missouri, 2013	Location, water-use category, groundwater-withdrawal rate	-	MO
Center for Applied Research and Environmental Systems, 2015	Location, water-use category, groundwater-withdrawal rate	-	MO
Oklahoma Department of Environmental Quality, 2012	Water system name, water-use category, city or county served, and groundwater-withdrawal rate	-	OK
Oklahoma Water Resources Board, 1998	Location, water-use category, groundwater-withdrawal rate	-	OK
U.S. Environmental Protection Agency, 2016a	Water system name, population served, city or county served, system status	-	AR, KS, MO, OK
U.S. Geological Survey, 2015c	Groundwater-withdrawal rate, county served	1985-2010	AR, KS, MO, OK
U.S. Geological Survey, 2015d	Location, water-use category	-	AR, KS, MO, OK

^a Note that the years of data coverage are a range, but data are not necessarily inclusive for every year

^b Site-specific groundwater-withdrawal rates for water use in Arkansas are collected and maintained through a cooperative agreement between the Arkansas Department of Natural Resources and the U.S. Geological Survey

^c Site-specific groundwater-withdrawal rates for major water users in Missouri are collected and maintained by the Missouri Department of Natural Resources (<http://dnr.mo.gov/geology/wrc/mwudata.htm>)