

2006 Listing: Kansas Drought Vulnerable Public Water Suppliers	
Public Water Supplier	Limitation Category
Abilene	Basic Source
Alexander	Unknown
Alton	Basic Source, Minimum Desirable Streamflow
Arlington	Basic Source
Attica	Basic Source
Baldwin City	Contractual, Treatment Capacity
Beloit	Unknown
Bluff City	Single Well Source
Bourbon RWD 02C	Distribution System
Bunker Hill	Single Well Source
Burrton	Basic Source, Distribution System
Butler RWD 04	Contractual
Cambridge	Contractual
Cedar Point	Single Well Source
Cedar Vale	Basic Source
Chapman	Unknown
Clay RWD 01	Minimum Desirable Streamflow, Single Well Source
Coldwater	Basic Source
Copeland	Water Right
Corning	Distribution System
Damar	Contractual, Distribution System
Delphos	Basic Source
Derby (El Paso WC)	Distribution System
Dexter	Contractual
Dickinson RWD 01	Basic Source
Dickinson RWD 02	Basic Source
Dodge City	Distribution System
Downs	Basic Source
Easton	Basic Source
Ellis	Distribution System
Ellis RWD 03	Basic Source
Ellsworth	Minimum Desirable Streamflow
Englewood	Single Well Source
Ensign	Distribution System
Esbon	Unknown
Fontana	Basic Source, Single Well Source
Frankfort	Basic Source
Franklin RWD 01	Contractual
Fulton	Unknown
Geary RWD 02	Single Well Source
Glen Elder	Unknown
Goddard	Distribution System
Gove	Basic Source, Distribution System
Grainfield	Water Right
Grenola	Basic Source
Grinnell	Water Right

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Hamilton	Unknown
Hanover	Distribution System
Hays	Basic Source
Hesston	Basic Source, Water Right
Hill City	Unknown
Hoxie	Basic Source
Hugoton	Distribution System
Inman	Basic Source
Jackson RWD 01	Unknown
Jefferson RWD 09	Unknown
Kanopolis	Basic Source
Kickapoo Tribe	Basic Source
Kinsley	Unknown
Lakin	Basic Source
Lane RWD 01	Water Right
Leavenworth RWD 07	Contractual
Leon	Basic Source
Liberal	Basic Source
Lincoln	Basic Source
Lindsborg	Basic Source
Linn RWD 02	Basic Source
Logan	Basic Source
Longton	Basic Source
Louisburg	Treatment Capacity
Lyons	Unknown
Madison	Basic Source
Manchester	Unknown
Marysville	Distribution System
McDonald	Water Right
McFarland	Basic Source
Montezuma	Basic Source, Distribution System
Morganville	Basic Source
Morland	Unknown
Moscow	Basic Source
Nemaha RWD 01	Basic Source
Nemaha RWD 03	Distribution System
Neodesha	Unknown
Ness City	Unknown
Norton	Unknown
Norton RWD 01	Single Well Source
Oakley	Unknown
Oberlin	Basic Source
Osage RWD 02	Basic Source, Distribution System
Osborne	Basic Source
Palco	Basic Source
Palco	Distribution System
Park	Basic Source

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Peabody	Unknown
Phillipsburg	Treatment Capacity
Pleasanton	Basic Source
Pottawatomie RWD 01	Basic Source
Prairie View	Unknown
Pratt	Unknown
Randall	Unknown
Ransom	Basic Source
Rexford	Unknown
Rolla	Unknown
Rooks RWD 02	Single Well Source
Russell	Basic Source, Treatment Capacity
Russell RWD 02	Single Well Source
Russell RWD 03	Distribution System, Water Right
Sabetha	Basic Source
Salina	Basic Source
Sedgwick RWD 02	Contractual
Seneca	Basic Source, Distribution System
Shawnee RWD 04C	Unknown
Smith Center	Basic Source
St. George	Basic Source
Stockton	Basic Source
Sumner RWD 04	Contractual
Susank	Basic Source, Distribution System
Syracuse	Unknown
Tescott	Basic Source
Tipton	Unknown
Tonganoxie	Contractual
Uniontown	Unknown
Valley Falls	Basic Source
Wallace	Water Right, Single Well Source
Wallace RWD 01	Single Well Source
Washington RWD 02	Unknown
Wellsville	Distribution System
White City	Basic Source
Wilson RWD 01	Contractual
Wilson RWD 02	Contractual
Wilson RWD 05	Contractual
Wilson RWD 07	Contractual
Zenda	Single Well Source

Drought Limitation Categories

The 2001 Kansas Water Office Assessment considered public water suppliers to be drought vulnerable due to the presence of one or more of the following limitations: basic source, contractual, distribution system, single well source and treatment capacity. This assessment also included identification of drought vulnerability due to minimum desirable streamflow administration or water rights limitations. In cases where drought-related restrictions were reported but the cause is unknown, the limitation is so stated. These limitations are defined below.

Basic Source Limitation – The supplier's primary raw water source is particularly sensitive to drought as evidenced by depleted streamflow, depleted reservoir inflow and storage, or by declining water levels in wells. Restrictions imposed due to inability to use a well(s) due to water quality problems were considered indicative of a basic source limitation.

Contractual Limitation – The supplier's sole water source is purchase from another system that is drought vulnerable and there is a drought-cut-off clause in their water purchase contract. In such situations where there is not a drought cut-off clause, the purchaser is considered drought vulnerable under the same limitation category as the seller.

Distribution System Limitation – The supplier has difficulty or is unable to meet drought-induced customer demand for water due to inadequate finished water storage capacity, inadequate finished water pumping capacity, inadequate transmission line sizes etc.

Minimum Desirable Streamflow – The supplier reported imposing restrictions because of minimum desirable streamflow administration. Water rights junior to those granted for maintenance of established minimum desirable flows are subject to such administration.

Single Well Source – The supplier relies upon a single well as its sole source for raw water. Suppliers with one active well and one emergency well were considered drought vulnerable because emergency wells are not a dependable long-term water source. Excessive hours of operation to meet drought-induced customer demand for water will result in the increased likelihood of mechanical breakdown with no alternative water supply source available.

Treatment Capacity Limitation - The supplier has difficulty or is unable to meet drought-induced customer demand for water due to inadequate raw water treatment capacity.

Water Right Limitation - The supplier reported imposing restrictions because the quantity of water they are authorized to divert under their water right(s) was insufficient to meet customer demands.