




Lithium in groundwater used for drinking-water supply in the United States

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Highlights

- Lithium in groundwater has not been comprehensively evaluated in the US.
- Concentrations in groundwater frequently exceed the human-health benchmark.
- The distribution of lithium concentrations varies widely by lithology and climate.
- Higher lithium concentrations are found in arid regions and older groundwater.
- Cation exchange or mixing with saline water lead to highest concentrations.