

EQUUS-WALNUT

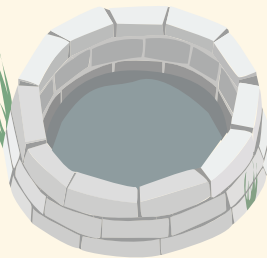
REGIONAL PLANNING AREA - AUGUST 2018

10 to 20% groundwater reductions needed in the northern region to bring water level conditions to stable

2016 showed an increase in **Groundwater levels** by an average of

1.94 feet

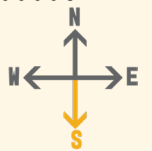
Burrton chloride plume threatens future water quality in the **Equus Beds Aquifer**



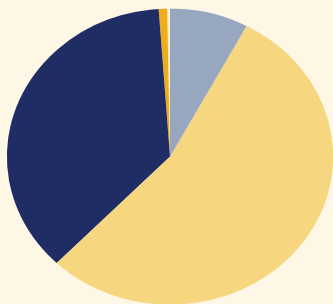
5,811 sq miles



Located in **South Central** Kansas



Water Supply Use



- Irrigation 54%
- Industry 8%
- Stockwater <1%
- Municipal 37%
- Recreation 1%



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Current Load Reduction Practice implementation will reduce sedimentation by **4%**

Wichita Aquifer Storage & Recovery Project



is underway to provide drought resiliency and water quality protection

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Water Technology Farms were established in 2018