



Utah State
University



Groundwater Assessment of Cache Valley



The objective of this study is to conduct a comprehensive assessment of groundwater availability and vulnerability in Cache Valley to inform future water management decisions.

We will provide meaningful estimates of groundwater recharge sources and rates from the mountain aquifer and within the valley by:

1. **Quantifying** the spatial and temporal trends in groundwater recharge to the valley-fill aquifer from local and regional sources including the mountain aquifer.
2. **Assessing** groundwater availability and vulnerability in the context of a changing climate and potential increases in groundwater withdrawals.
3. **Providing** guidance to UDWRi and other stakeholders on the state of groundwater in Cache Valley and potential changes to the groundwater system given various natural and policy changes.

Other Partners:



Funding:

RFA Funding Request:
\$567,400

Match: \$159,300

(USGS, USU, U of U, Cache County,
Cache Water District)

Total Cost: \$726,700

2024-2026