

NM statewide water assessment: Assessment of Spatiotemporal Groundwater Level Changes Throughout New Mexico

Objectives

- Transmit data from a groundwater database into a Geographic Information System (GIS) to map out the spatial distribution of groundwater level changes for visual and spatial analysis
- Calculate groundwater elevation, change in groundwater elevation, and change in groundwater pumping and population
- Evaluate the potential impact of increased groundwater pumping on changes in groundwater elevation

Projected Outcomes

- Statewide maps showing changes in groundwater elevation from 1994 to 2014 (5-year time intervals)
- A map of the change in groundwater levels over time provides a spatiotemporal assessment of the impact of groundwater withdrawals over time throughout NM.

Selected Shallow (0-150ft) Groundwater Data & Trends

