

Statewide Water Level Change Analysis

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How has GW Storage Changed in NM

Alluvial Aquifers

- Last year, showed
 - Semi-automated method to find changes in aquifer storage over the last 60 years.
 - Examples in Mimbres and Estancia Basins.
- This year, use USGS Hydrologic Unit (HU) basin boundaries in Rio Grande and Upper Pecos (alluvial aquifers).



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Alluvial Aquifers

- Combination of up to 100 years of sampling by mostly USGS, with some NMOSE and NMBGMR.
 - 11,973 wells (10,754 USGS)
 - 65,536 well measurements
- Some basins are well sampled; others may have too sparse data coverage.
- Will focus on Las Cruces-El Paso HU (Mesilla and Rincon Basins), and up to 3 data-poor HUs in coming months.

