



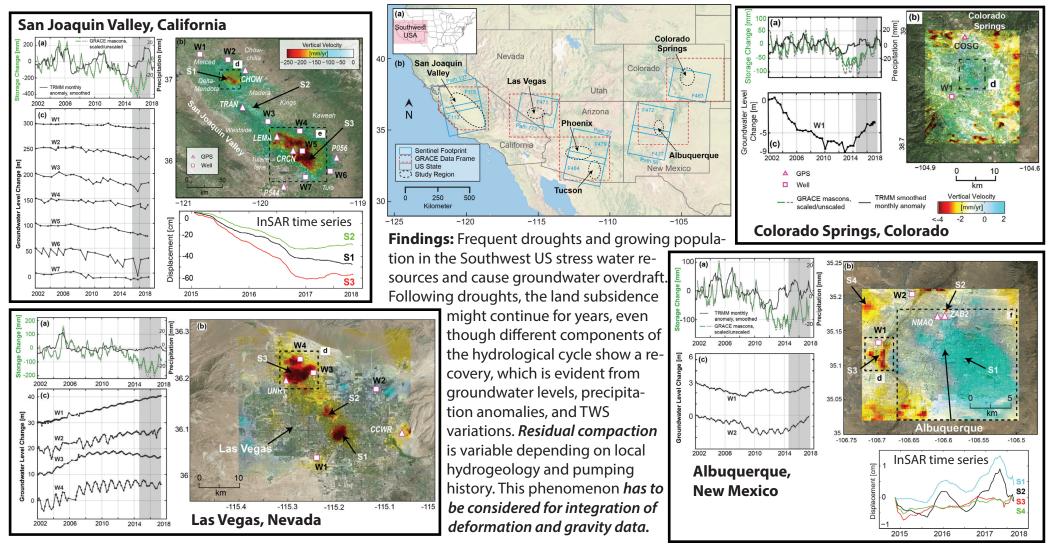


## Variations in vertical land motion, water storage & well levels: Implications for aquifer storage change

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## **Objective:** Have aquifer-systems in Southwest US recovered from recent millenium drought (2012–2015)?

Methods:Comparison of vertical land motion due to aquifer compaction with variables indicating state of aquifer storageData:Sentinel InSAR from December 2014 to August 2017, GRACE water storage variations, well levels, precipitation



More details, including results for Arizona Metropoles at: https://doi.org/10.1016/j.jhydrol.2020.124943 - Journal of Hydrology, 587 (2020), 124943.