

Land Subsidence Rate in the Tucson Metropolitan Area
 Based on TerraSAR-X Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
 Time Period of Analysis: 1.0 Years 03/30/2015 To 03/27/2016

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Explanation

03/30/2015 To 03/27/2016

Land Subsidence Rate

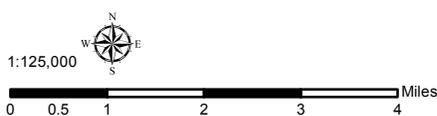
- Decorrelation/No Data
- Greater 7 cm/yr (2.8 in/yr)
- 5 - 7 cm/yr (2.0 - 2.8 in/yr)
- 3 - 5 cm/yr (1.2 - 2.0 in/yr)
- 2 - 3 cm/yr (0.8 - 1.2 in/yr)
- 1 - 2 cm/yr (0.4 - 0.8 in/yr)
- 0.5 - 1 cm/yr (0.2 - 0.4 in/yr)
- 0 - 0.5 cm/yr (0 - 0.2 in/yr)

Subsidence Feature

Hardrock

Highways and Interstates

- Interstate
- US
- State
- Roads
- Railway



Decorrelation (white areas) are areas where the phase of the received satellite signal changed between satellite passes, causing the data to be unusable. This occurs in areas where the land surface has been disturbed (i.e. bodies of water, snow, agriculture areas, areas of development, etc).

Coordinate System: NAD 1983 UTM Zone 12N
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Meter
 Created: 5/15/2016

