



Land Subsidence Rate (cm/yr) in the Harquahala Valley, Maricopa County
 Based on Envisat Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
 Time Period of Analysis: 4.7 Years 06/08/1992 To 03/13/1997

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Explanation

06/08/1992 To 03/13/1997

Land Subsidence Rate (cm/yr)

- Decorrelation/No Data
- Greater than 7 cm/yr
- 5 To 7 cm/yr
- 3 To 5 cm/yr
- 2 To 3 cm/yr
- 1 To 2 cm/yr
- 0.5 To 1 cm/yr
- 0 To 0.5 cm/yr

Subsidence Feature

Hardrock

CAP Canal

Highways and Interstates

- Interstate
- US
- State
- Roads
- Railway



1:200,000

0 1 2 4 6 8 Miles

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: 10/1/2014

