

**Total Land Subsidence in the McMullen Valley, La Paz and Maricopa Counties  
Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data**

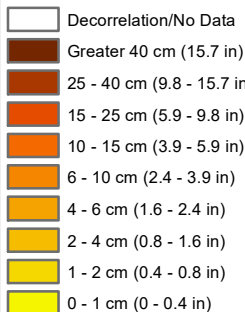
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**Time Period of Analysis: 9.0 Years 05/01/2010 To 04/08/2019**

**Explanation**

**05/01/2010 To 04/08/2019**

**Total Land Subsidence**



**Subsidence Feature**

**Hardrock**

**Earth Fissures**

**Highways and Interstates**

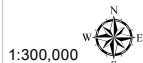
**Interstate**

**US**

**State**

**Roads**

**Railway**



1:300,000  
0 1.5 3 6 9 12 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).

Earth fissures were mapped by the Arizona Geological Survey.  
For information on earth fissures visit: [www.azgs.gov/EFC](http://www.azgs.gov/EFC)

Coordinate System: NAD 1983 UTM Zone 12N

Projection: Transverse Mercator

Datum: North American 1983

Units: Meter

Created: 6/23/2019

