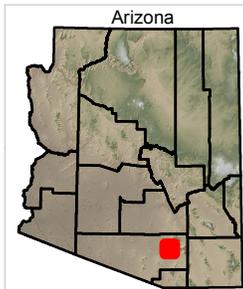
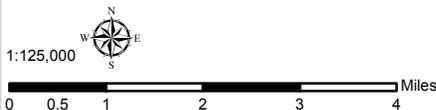


**Land Subsidence Rate in the Tucson Metropolitan Area**  
 Based on ERS-1 and 2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data  
 Time Period of Analysis: 6.9 Years 11/09/1993 To 09/20/2000

© ESA 1992 - 2000

**Explanation**

11/09/1993 To 09/20/2000	
<b>Land Subsidence Rate</b>	
	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
<b>Highways and Interstates</b>	
	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: 11/17/2014

