

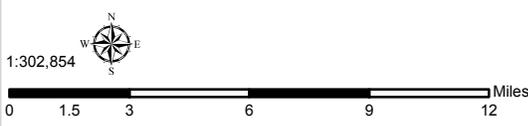
Total Land Subsidence in the Bowie and San Simon Areas, Cochise County
Based on ERS-1 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
Time Period of Analysis: 1.0 Years 11/12/1992 To 11/06/1993

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Explanation

11/12/1992 To 11/06/1993

Decorrelation/No Data	Subsidence Feature
Total Land Subsidence	Hardrock
Greater 40 cm (15.7 in)	Earth Fissures
25 - 40 cm (9.8 - 15.7 in)	Cities/Towns
15 - 25 cm (5.9 - 9.8 in)	Highways and Interstates
10 - 15 cm (3.9 - 5.9 in)	Interstate
6 - 10 cm (2.4 - 3.9 in)	US
4 - 6 cm (1.6 - 2.4 in)	State
2 - 4 cm (0.8 - 1.6 in)	Roads
1 - 2 cm (0.4 - 0.8 in)	Railway
0 - 1 cm (0 - 0.4 in)	



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

Coordinate System: NAD 1983 UTM Zone 12N
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Meter
 Created: 11/5/2014

