



Total Land Subsidence in the Elfrida Area, Cochise County
 Based on ALOS-1 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
Time Period of Analysis: 4.2 Years 12/06/2006 To 02/01/2011

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Explanation

- | | |
|---------------------------------|---------------------------------|
| 12/06/2006 To 02/01/2011 | Subsidence Feature |
| Total Land Subsidence | Hardrock |
| Decorrelation/No Data | Earth Fissures |
| Greater 40 cm (15.7 in) | Cities/Towns |
| 25 - 40 cm (9.8 - 15.7 in) | Highways and Interstates |
| 15 - 25 cm (5.9 - 9.8 in) | Interstate |
| 10 - 15 cm (3.9 - 5.9 in) | US |
| 6 - 10 cm (2.4 - 3.9 in) | State |
| 4 - 6 cm (1.6 - 2.4 in) | Roads |
| 2 - 4 cm (0.8 - 1.6 in) | Railway |
| 1 - 2 cm (0.4 - 0.8 in) | |
| 0 - 1 cm (0 - 0.4 in) | |



1:150,000

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

