



**Total Land Subsidence in the Fort Grant Rd and Willcox Areas, Cochise County
Based on ALOS-2 and Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data**

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Time Period of Analysis: 8.4 Years 12/06/2006 To 04/09/2015

Explanation

12/06/2006 To 04/09/2015

Total Land Subsidence

White	Decorrelation/No Data
Dark Brown	Greater 40 cm (15.7 in)
Brown	25 - 40 cm (9.8 - 15.7 in)
Orange	15 - 25 cm (5.9 - 9.8 in)
Light Orange	10 - 15 cm (3.9 - 5.9 in)
Yellow-Orange	6 - 10 cm (2.4 - 3.9 in)
Yellow	4 - 6 cm (1.6 - 2.4 in)
Light Yellow	2 - 4 cm (0.8 - 1.6 in)
Very Light Yellow	1 - 2 cm (0.4 - 0.8 in)
White	0 - 1 cm (0 - 0.4 in)

- Subsidence Feature
- Hardrock
- Earth Fissures
- Highways and Interstates**
- Interstate
- US
- State
- Roads
- Railway



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).

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: 5/12/2015

