



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

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Time Period of Analysis: 2.0 Years 03/21/2014 To 04/03/2016

Explanation

03/21/2014 To 04/03/2016

Total Land Subsidence

Decorrelation/No Data	Subsidence Feature
Greater 40 cm (15.7 in)	Hardrock
25 - 40 cm (9.8 - 15.7 in)	Earth Fissures
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)	



1:200,000
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: 5/15/2016

