

**Total Land Subsidence in the Willcox and Kansas Settlement Areas, Cochise County
Based on Sentinel-1 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
Time Period of Analysis: 9.1 Years 02/24/2017 To 05/08/2026**

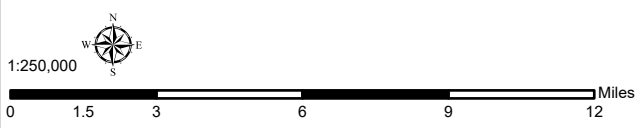
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Explanation

02/24/2017 To 05/08/2026

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)	



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: 5/19/2026

