

Total Land Subsidence in the Bowie and San Simon 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

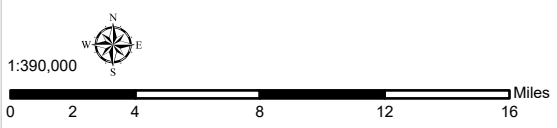
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Explanation

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

