

**Total Land Subsidence in the Elfrida Area, 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**

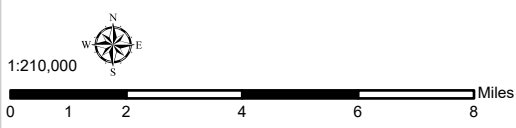
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**Explanation**

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)	<b>Highways and Interstates</b>
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](http://www.azgs.gov/EFC)

Coordinate System: NAD 1983 UTM Zone 12N  
 Projection: Transverse Mercator  
 Datum: North American 1983  
 Units: Meter  
 Created: 5/19/2026

