

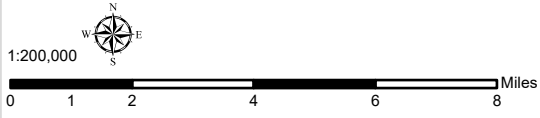
Total Land Subsidence in the Hawk Rock Area, Maricopa and Pinal Counties
 Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
 Time Period of Analysis: 2.0 Years 04/19/2024 To 03/16/2026

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Explanation

04/19/2024 To 03/16/2026

Total Land Subsidence		Subsidence Feature
Decorrelation/No Data		Hardrock
Greater 40 cm (15.7 in)		Earth Fissures
25 - 40 cm (9.8 - 15.7 in)		CAP Canal
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: 3/21/2026

