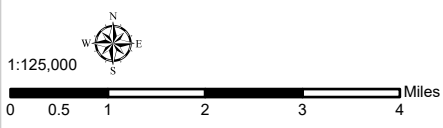


Land Subsidence Rate in the Northeast Phoenix and Scottsdale Areas, Maricopa County
 Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
 Time Period of Analysis: 2.0 Years 04/12/2024 To 04/02/2026

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Explanation
 04/12/2024 To 04/02/2026

Land Subsidence Rate	Symbol	Description
Decorrelation/No Data	White	Decorrelation/No Data
Greater 7 cm/yr (2.8 in/yr)	Dark Brown	Greater 7 cm/yr (2.8 in/yr)
5 - 7 cm/yr (2.0 - 2.8 in/yr)	Brown	5 - 7 cm/yr (2.0 - 2.8 in/yr)
3 - 5 cm/yr (1.2 - 2.0 in/yr)	Orange	3 - 5 cm/yr (1.2 - 2.0 in/yr)
2 - 3 cm/yr (0.8 - 1.2 in/yr)	Light Orange	2 - 3 cm/yr (0.8 - 1.2 in/yr)
1 - 2 cm/yr (0.4 - 0.8 in/yr)	Yellow-Orange	1 - 2 cm/yr (0.4 - 0.8 in/yr)
0.5 - 1 cm/yr (0.2 - 0.4 in/yr)	Yellow	0.5 - 1 cm/yr (0.2 - 0.4 in/yr)
0 - 0.5 cm/yr (0 - 0.2 in/yr)	Light Yellow	0 - 0.5 cm/yr (0 - 0.2 in/yr)
Subsidence Feature	Purple outline	Subsidence Feature
Hardrock	Brown shaded area	Hardrock
Earth Fissures	Black line	Earth Fissures
CAP Canal	Blue line	CAP Canal
Highways and Interstates	Thick line	Highways and Interstates
Interstate	Red line	Interstate
US	Blue line	US
State	Green line	State
Roads	Thin grey line	Roads



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: 5/8/2026

