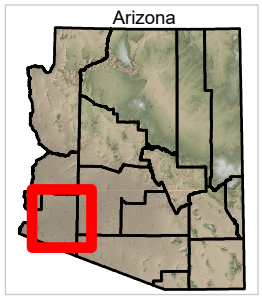
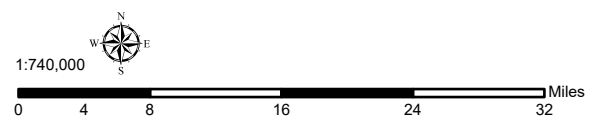


Land Subsidence Rate in the Lower Gila Area, Maricopa and Yuma Counties
 Based on Sentinel-1 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
 Time Period of Analysis: 1.0 Years 05/23/2025 To 04/24/2026

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Explanation
 05/23/2025 To 04/24/2026

Land Subsidence Rate	Subsidence Feature
Decorrelation/No Data	Hardrock
Greater 7 cm/yr (2.8 in/yr)	Highways and Interstates
5 - 7 cm/yr (2.0 - 2.8 in/yr)	Interstate
3 - 5 cm/yr (1.2 - 2.0 in/yr)	US
2 - 3 cm/yr (0.8 - 1.2 in/yr)	State
1 - 2 cm/yr (0.4 - 0.8 in/yr)	Roads
0.5 - 1 cm/yr (0.2 - 0.4 in/yr)	
0 - 0.5 cm/yr (0 - 0.2 in/yr)	



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).

Coordinate System: NAD 1983 UTM Zone 12N
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Meter
 Created: 5/15/2026

