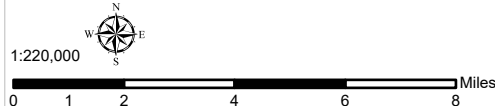


Land Subsidence Rate in the Holbrook Basin, Navajo County
 Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
Time Period of Analysis: 1.9 Years 06/03/2024 To 04/03/2026

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Explanation

06/03/2024 To 04/03/2026		Subsidence Feature
Land Subsidence Rate		Hardrock
Decorrelation/No Data	Cities/Towns	Railway
Greater 7 cm/yr (2.8 in/yr)	Highways and Interstates	
5 - 7 cm/yr (2.0 - 2.8 in/yr)	Interstate	US
3 - 5 cm/yr (1.2 - 2.0 in/yr)	State	Roads
2 - 3 cm/yr (0.8 - 1.2 in/yr)		
1 - 2 cm/yr (0.4 - 0.8 in/yr)		
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: 5/8/2026

