

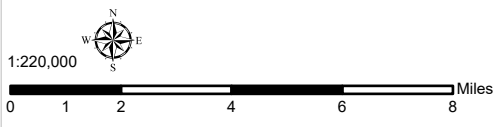
Total Land Subsidence in the Holbrook Basin, Navajo County
 Based on Sentinel-1 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
 Time Period of Analysis: 9.2 Years 02/24/2017 To 05/08/2026

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Explanation

02/24/2017 To 05/08/2026

Total Land Subsidence		Subsidence Feature
Decorrelation/No Data	Hardrock	Cities/Towns
Greater 40 cm (15.7 in)	Railway	Interstate
25 - 40 cm (9.8 - 15.7 in)	Highways and Interstates	
15 - 25 cm (5.9 - 9.8 in)	Interstate	US
10 - 15 cm (3.9 - 5.9 in)	State	Roads
6 - 10 cm (2.4 - 3.9 in)		
4 - 6 cm (1.6 - 2.4 in)		
2 - 4 cm (0.8 - 1.6 in)		
1 - 2 cm (0.4 - 0.8 in)		
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).

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

