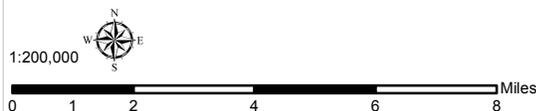


Total Land Subsidence in the Holbrook Basin, Navajo County
Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
Time Period of Analysis: 1.7 Years 10/16/2012 To 05/15/2014

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Explanation

10/16/2012 To 05/15/2014		Subsidence Feature
Total Land Subsidence		Hardrock
Decorrelation/No Data		Cities/Towns
Highways and Interstates		
Greater 40 cm (15.7 in)		Interstate
25 - 40 cm (9.8 - 15.7 in)		US
15 - 25 cm (5.9 - 9.8 in)		State
10 - 15 cm (3.9 - 5.9 in)		Roads
6 - 10 cm (2.4 - 3.9 in)		Railway
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: 1/6/2015

