Total Land Subsidence in the Fort Grant Rd and Willcox Areas, Cochise and Graham Counties
Based on Sentinel-1 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data

Time Period of Analysis: 2.0 Years 01/28/2020 To 01/17/2022

Explanation
01/28/2020 To 01/17/2022

Total Land Subsidence
Decorrelation/No Data

Greater 40 cm (15.7 in)
25 - 40 cm (9.8 - 15.7 in)
15 - 25 cm (5.9 - 9.8 in)
10 - 15 cm (3.9 - 5.9 in)
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)

Subsidence Feature
Hardrock
Earth Fissures

Highways and Interstates

Interstate
US
State
Roads
Railway

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.az.gov/EFC

Coordinate System: NAD 1983 UTM Zone 12N
Projection: Transverse Mercator
Datum: North American 1983
Units: Meter
Created: 6/7/2022