

**Total Land Subsidence in the Ranegras Plain, La Paz County**  
**Based on Radarsat-2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data**  
**Time Period of Analysis: 13.0 Years 03/04/2021 To 04/11/2023**

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**Explanation**

05/01/2010 To 04/11/2023

Total Land Subsidence

Decorelation/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

CAP Canal

**Highways and Interstates**

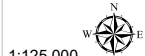
Interstate

US

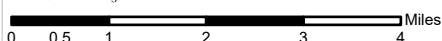
State

Roads

Railway



1:125,000



Decorelation (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: 4/26/2023

