

AFGHANISTAN – Earthquake: 22 June 2022

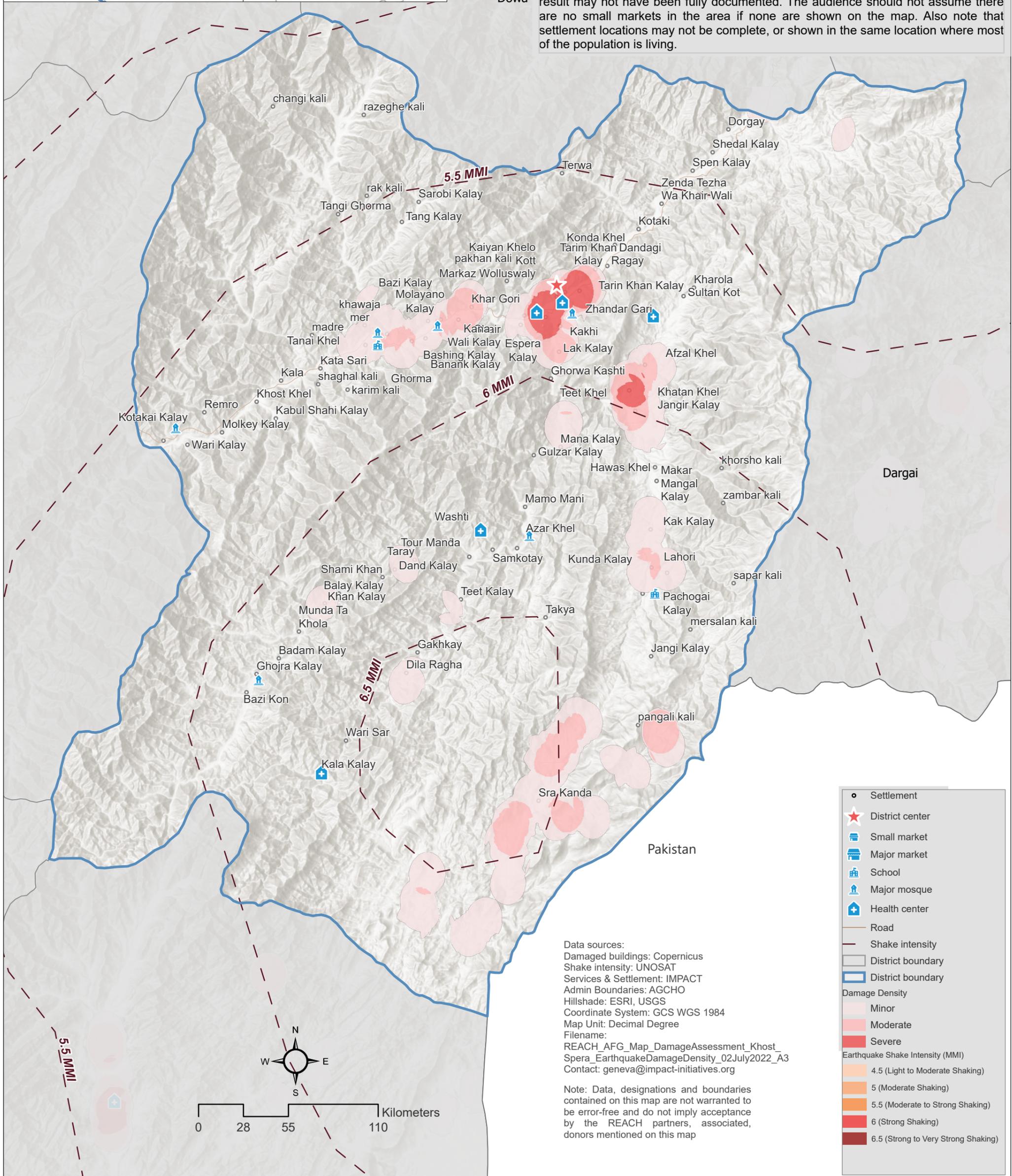
Khost Province - Spera District Damage Density Map

For Humanitarian Purposes Only
Production date : 07 July 2022



To understand the relationship between shelter damage and services, REACH conducted a density analysis of shelter damage collected by remote sensing from UNOSAT after the earthquake on 22 June 2022. This density analysis was overlaid with the locations of key services, which REACH collected as part of its Humanitarian Situation Monitoring (HSM) assessment, most recently updated in February 2022. This dataset includes the locations of: 1) Hospitals, 2) Health clinics, 3) Government schools, 4) Private schools, 3) Madrassas, 4) Mosques, 5) Large markets, and 6) Small markets.

Please note that small markets are often only a few shops or transient, and as a result may not have been fully documented. The audience should not assume there are no small markets in the area if none are shown on the map. Also note that settlement locations may not be complete, or shown in the same location where most of the population is living.



- Settlement
- ★ District center
- Small market
- Major market
- School
- Major mosque
- Health center
- Road
- Shake intensity
- District boundary
- District boundary

Damage Density

- Minor
- Moderate
- Severe

Earthquake Shake Intensity (MMI)

- 4.5 (Light to Moderate Shaking)
- 5 (Moderate Shaking)
- 5.5 (Moderate to Strong Shaking)
- 6 (Strong Shaking)
- 6.5 (Strong to Very Strong Shaking)

Data sources:
 Damaged buildings: Copernicus
 Shake intensity: UNOSAT
 Services & Settlement: IMPACT
 Admin Boundaries: AGCHO
 Hillshade: ESRI, USGS
 Coordinate System: GCS WGS 1984
 Map Unit: Decimal Degree
 Filename:
 REACH_AFG_Map_DamageAssessment_Khost_Spera_EarthquakeDamageDensity_02July2022_A3
 Contact: geneva@impact-initiatives.org

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associated, donors mentioned on this map

