

Geohazards of Saudi Arabia

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LEGEND

Boundaries

- Provinces Boundary
Country Boundary

Transport Network

- Railway Tracks
Major Roads
Minor Road

Reported Geohazards

- Sinkhole
Cave or Group of Caves
Historical Volcanic Activity
Expansive Soil
Loess
Earth Fissures

Earthquake Magnitude (USGS)

- < 3.0
3.0 to <4.0
4.0 to <5.0
5.0 to <6.0
6.0 to 7.0

Predicted Geohazards

- Slope Instabilities

Prone to Subsidence

- Volcanic Rocks (Harrats)

- Quaternary
Sabkha Deposit
Fluvial Deposits
Aeolian Deposits

- Tertiary
Neogene
Paleogene
Hofuf
Dam
Harduk
Dammam
Rus
Umm Er Radhuma

- Cretaceous
Upper
Middle
Lower
Aruma
Biyadh
Buwaib
Yamama
Sulayy
Jurassic
Upper
Hith
Arab
Jubaila
Hanifa
Tuwayq Mountain

Open source data:
The geologic map of the Arabian Peninsula by
US Geological Survey (Pollastro et al., 1998)
USGS Earthquake Catalogue (<https://earthquake.usgs.gov/earthquakes/browse/>)
Road, Railroad Network and Inland wetlands of
Kingdom of Saudi Arabia (www.mapCruzin.com)

