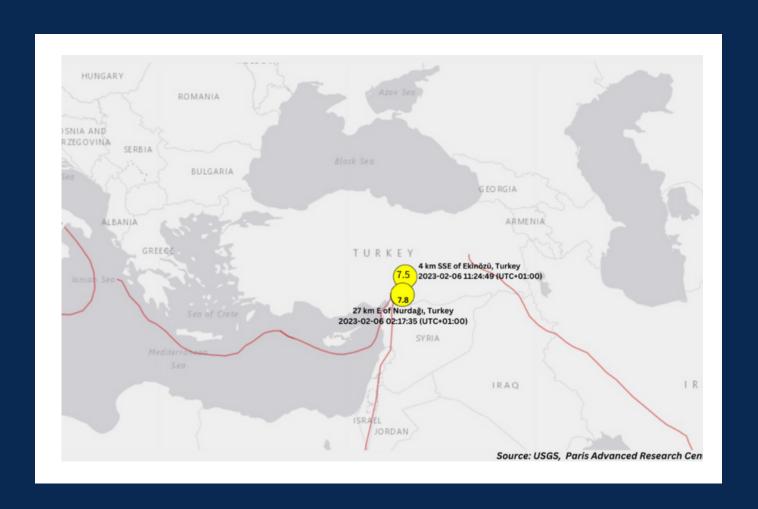
Magnitude 7.8 and 7.5 Earthquakes Hit Türkiye

February 2023

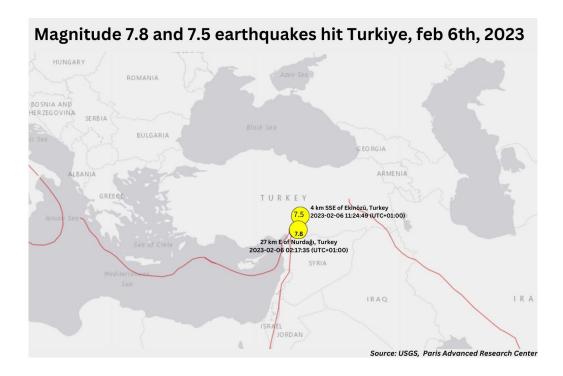




Magnitude 7.8 and 7.5 Earthquakes Hit Türkiye, Causing Major Destruction and Loss of Life

I. Introduction

- On February 6, 2023, a devastating earthquake with a magnitude of at least Mw 7.8 struck Southern and Central Türkiye and Northern and Western Syria.
- Another earthquake with a magnitude of 7.5 hit Kahramanmaraş, Elbistan, later that day, causing additional damages and loss of lifes in 10 provinces.



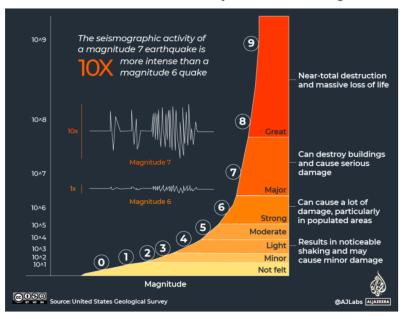
• The quake was followed by multiple aftershocks and resulted in widespread destruction, including the collapse of a 2,000 year-old castle in Gaziantep.

II. Location and Seismic Activity

- Türkiye is one of the most seismically active countries in the world, located at the meeting point of several tectonic plates.
- The country is prone to earthquakes and this latest event was the deadliest and strongest earthquake in Türkiye since the 1939 Erzincan earthquake.
- With a magnitude of 7.8 and 7.5, the earthquakes in Türkiye are considered as major by causing serious damages. Here below, an explanation of the different earthquake's strengths:

How are earthquakes measured?

The strength of an earthquake is measured on the Richter scale and recorded on a seismograph. Magnitudes are based on a logarithmic scale, which means every whole-number increase on the scale is actually a tenfold increase in magnitude.



III. Impact on Infrastructure

• The city's infrastructure and buildings have been severely impacted by the earthquake and will require significant resources and time to fully restore.

IV. Responses from Authorities

• The local authorities and emergency services responded quickly and efficiently to the disaster.



- The government has promised to provide all necessary resources to aid those affected.
- The Türkiye Disaster and Management Authority (AFAD) reported that over 110,000 rescue personnel and 5,500 vehicles were involved in the disaster response effort.
- Turkish President, Recep Tayyip Erdogan, declared a three-month state of emergency in the 10 provinces affected by the earthquake on February 7.
- The Turkish government and the global community are committed to assisting those affected by the earthquake.
- Link for humanitarian and donation support: https://en.afad.gov.tr/earthquake-campaign

Dossier rédigé par CELIK NEVZET

Les propos exprimés dans la présente publication n'engagent que la responsabilité de l'auteur.

