NEW ZEALAND: Natural Hazard Risks

The bar chart below shows the degree of exposure to natural hazards and the percentage of area affected. Tsunamis and storm surges are a threat to coastal regions, particularly gulfs, bays, and estuaries. Flood hazard results from river floods and torrential rain. Drought is caused by major deviations from the normal amounts of precipitation. Frost hazard depends on elevation and latitude.

**Earthquake Intensity**
- Modified Mercalli Scale
  - Degree I-V
  - Degree VI
  - Degree VII
  - Degree VIII
  - Degree IX-XII

**Tropical Storm Intensity**
- Saffir-Simpson Scale
  - One: 118-153 km/h
  - Two: 154-177 km/h
  - Three: 178-209 km/h
  - Four: 210-249 km/h
  - Five: 250+ km/h

**Earthquake Intensity Zones**
- Indicate where there is a 2% probability that degrees of intensity shown on the map will be exceeded in 50 years.

**Tropical Storm Intensity Zones**
- Indicate where there is a 10% probability of a storm of this intensity striking in the next 10 years.

Datum: WGS84. Map data source: UN Cartographic Section, Global Discovery, FAO, Smithsonian Institute, Pacific Disaster Center, UNISYS, Munich Reinsurance Group

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