OCHA Regional Office for Asia Pacific

JAPAN: Natural Hazard Risks

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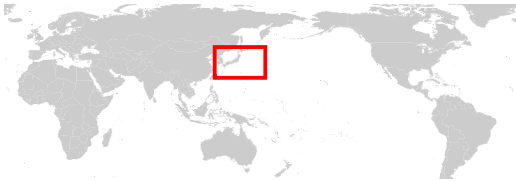

Seismic, Volcanic and Tropical Storm Risk

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DPR KOREA
Pyongyang
Seoul
RO KOREA
Hiroshima
Fukuoka
Nagasaki
Kyoto
Nagoya
Kobe
Osaka (33)
Tokyo (41)
Sapporo
Sendai
Akita-Yake-yama
Chokai
Azuma
Usu
Shikotsu
Komaga-take
Tokachi
Akan
Shiretoko-Iwo-zan
Atsonupuri
Tiatia
Medvezhia
Baransky
Oshima
Miyake-jima
Izu-Tobu
Unzen
Aso
Sakura-jima
Kikai
Kuchinoerabu-jima
Nakano-shima
Suwanose-jima
Iwo-Tori-shima
Iriomote-jima
32
Bayonnaise Rocks
Smith Rock
Tori-shima
Nishino-shima
Kaitoku Seamount
Kita-Iwo-jima
Iwo-jima
Kita-Fukutokutai
Fukutoku-Okanoba

Storm Season: June to Nov
Peak month: August

Japanese Prefectures

1.	Aichi	25.	Miyazaki
2.	Akita	26.	Nagano
3.	Aomori	27.	Nagasaki
4.	Chiba	28.	Nara
5.	Ehime	29.	Niigata
6.	Fukui	30.	Oita
7.	Fukuoka	31.	Okayama
8.	Fukushima	32.	Okinawa
9.	Gifu	33.	Osaka
10.	Gunma	34.	Saga
11.	Hiroshima	35.	Saitama
12.	Hokkaido	36.	Shiga
13.	Hyogo	37.	Shimane
14.	Ibaraki	38.	Shizuoka
15.	Ishikawa	39.	Tochigi
16.	Iwate	40.	Tokushima
17.	Kagawa	41.	Tokyo
18.	Kagoshima	42.	Tottori
19.	Kanagawa	43.	Toyama
20.	Kochi	44.	Wakayama
21.	Kumamoto	45.	Yamagata
22.	Kyoto	46.	Yamaguchi
23.	Mie	47.	Yamanashi
24.	Miyagi		

0 150 300
Kilometers

Legend

- OCHA office or presence
- Country capital
- Major town or city
- International boundary
- Demarcation line
- Province boundary
- Holocene volcano

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 kmh
- Two: 154-177 kmh
- Three: 178-209 kmh
- Four: 210-249 kmh
- Five: 250+ kmh

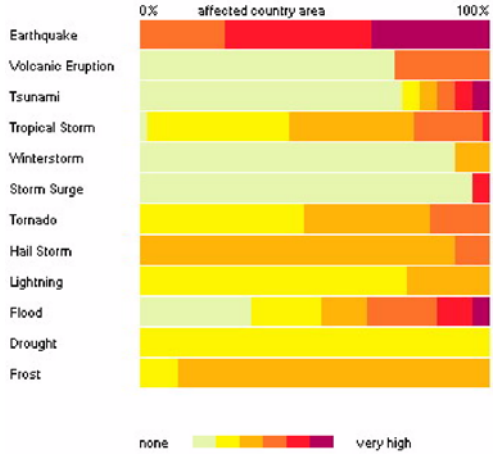
Earthquake intensity zones indicate where there is a 20% probability that degrees of intensity shown on the map will be exceeded in 50 years.

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

All 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.



Map Ref: OCHA_JPN_Hazard_v1_070309