



**Region Selected** » Lower Left Latitude/Longitude: 26.633 N° , 126.71700000000001 E°  
 Upper Right Latitude/Longitude: 32.632999999999996 N° , 132.717 E°



### Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

### Current Hazards:

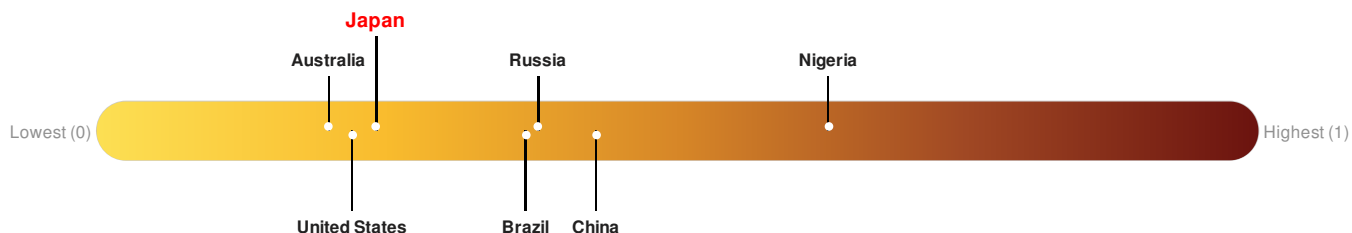
Active Volcanoes								
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		20-Feb-2014 00:02:03	Volcano - Aira, Japan	-	-	-	-	31.6° N / 130.65° E
		12-Jul-2013 00:10:53	Volcano - Suwanosejima, Japan	-	-	-	-	29.63° N / 129.72° E

Source: [PDC](#)

### Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

**Japan** ranks **140** out of **165** countries assessed for Lack of Resilience. Japan is less resilient than 16% of countries assessed. This indicates that Japan has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

### Regional Overview

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

## Population Data:

2011

Total: 3,467,704

Max Density: 23,990 (ppl/km<sup>2</sup>)

## Populated Areas:

No significant land or population areas exist within the current map extent. Please use <http://atlas.pdc.org/atlas/> for dynamic mapping capabilities.

Source: [iSciences](#)

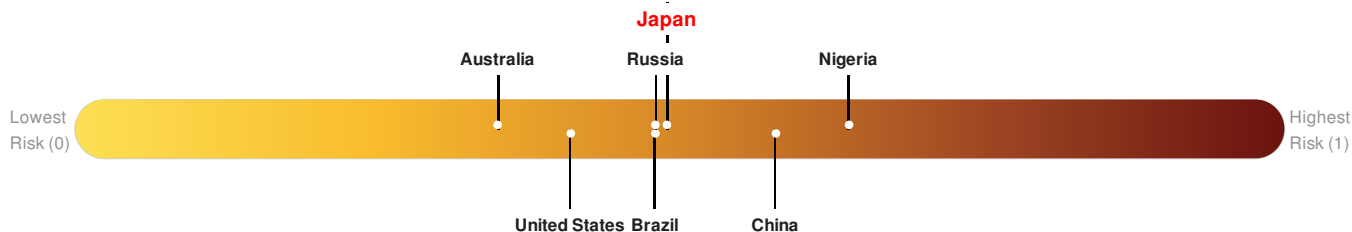
### Risk & Vulnerability

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

## Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **Japan** ranks **81** out of **165** countries assessed for Multi Hazard Risk. Japan has a Multi Hazard Risk higher than 51% of countries assessed. This indicates that Japan has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

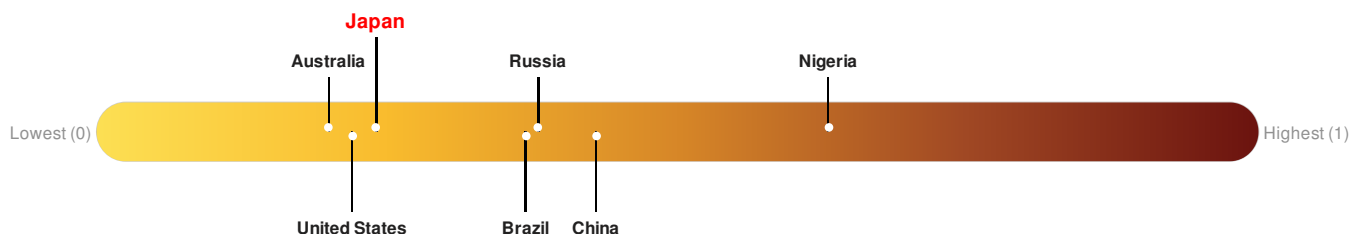


Source: [PDC](#)

## Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

**Japan** ranks **140** out of **165** countries assessed for Lack of Resilience. Japan is less resilient than 16% of countries assessed. This indicates that Japan has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

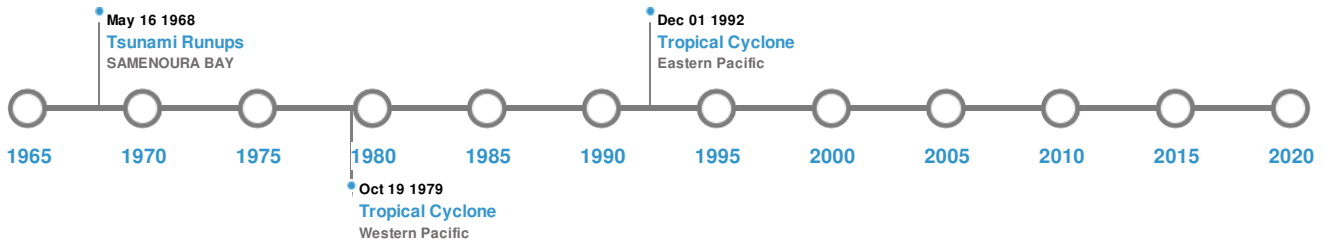


Source: [PDC](#)

## Historical Hazards

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

### Historical Hazards:



### Earthquakes:

#### 5 Largest Earthquakes (Resulting in significant damage or deaths)




Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	15-Jun-1911 00:14:00	8.70	160	JAPAN: RYUKYU ISLANDS	29° N / 129° E
	01-Feb-1916 00:07:00	8.00	33	JAPAN: DUDA	29.5° N / 131.5° E
	10-Nov-1909 00:06:00	7.90	190	JAPAN: KYUSHU	32° N / 131° E
	24-Aug-1904 00:20:00	7.90	25	JAPAN: KYUSHU	30° N / 130° E
	24-Jun-1901 00:07:00	7.90	60	JAPAN: RYUKYU ISLANDS	27° N / 130° E

Source: [Earthquakes](#)

### Volcanic Eruptions:



#### 5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SAKURA-JIMA	12-Jan-1914 00:00:00	4.00	KYUSHU-JAPAN	31.58° N / 130.67° E
	SAKURA-JIMA	01-Jan-1914 00:00:00	4.00	KYUSHU-JAPAN	31.58° N / 130.67° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SUWANOSE-JIMA	02-Oct-1889 00:00:00	4.00	RYUKYU IS	29.53° N / 129.72° E
	SUWANOSE-JIMA	01-Jan-1877 00:00:00	4.00	RYUKYU IS	29.53° N / 129.72° E
	IBUSUKI VOLC FIELD	29-Aug-0885 00:00:00	4.00	KYUSHU-JAPAN	31.22° N / 130.57° E






Source: [Volcanoes](#)

## Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	21-May-1792 00:00:00	JAPAN	15	343	AMAKUSA ISLANDS	32.5° N / 130.2° E
	07-Dec-1944 00:00:00	JAPAN	7.9	-	GATA	31.42° N / 130.2° E
	21-May-1792 00:00:00	JAPAN	7	-	SAN-NOSAWA	27.88° N / 128.94° E
	16-May-1968 00:00:00	JAPAN	6	-	SAMENOURA BAY	31.85° N / 130.28° E
	11-Apr-1781 00:00:00	JAPAN	6	15	KAGOSHIMA BAY	31.58° N / 130.57° E

Source: [Tsunamis](#)

## Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	NANCY	07-Sep-1961 18:00:00 - 17-Sep-1961 12:00:00	213	No Data	Western Pacific	31.48° N / 146.6° E
	TIP	04-Oct-1979 06:00:00 - 19-Oct-1979 18:00:00	190	No Data	Western Pacific	23.8° N / 141.4° E
	SARAH	11-Sep-1959 06:00:00 - 19-Sep-1959 18:00:00	190	No Data	Western Pacific	30.75° N / 135.65° E
	GAY	13-Nov-1992 12:00:00 - 01-Dec-1992 00:00:00	184	No Data	Eastern Pacific	16.84° N / 0°
	KAREN	08-Nov-1962 00:00:00 - 18-Nov-1962 18:00:00	184	No Data	Western Pacific	21.69° N / 0°

Source: [Tropical Cyclones](#)

## Disclosures

\* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.

