



**Region Selected »** Lower Left Latitude/Longitude: 26.638 N° , 126.714 E°  
Upper Right Latitude/Longitude: 32.638000000000005 N° , 132.714 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:**

Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long		
		20-Nov-2018 19:41:48	5.5	118.3	Kyushu, Japan	30.41° N / 130.06° E		

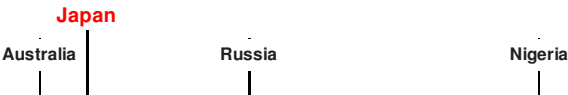
Active Volcanoes								
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		14-Nov-2018 14:01:31	Volcano - Suwanosejima, Japan	-	-	-	-	29.64° N / 129.71° E
		13-Nov-2018 15:52:59	Volcano - Aira, Japan	-	-	-	-	31.59° N / 130.66° E
		21-Oct-2018 11:31:19	Volcano - Kuchinoerabujima, Japan	-	-	-	-	30.44° N / 130.22° 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 **164** countries assessed for Lack of Resilience. Japan is less resilient than 15% of countries assessed. This indicates that Japan has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.





Source: [PDC](#)

## Regional Overview

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## Population Data:

2011

Total: 3,479,317

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](#)

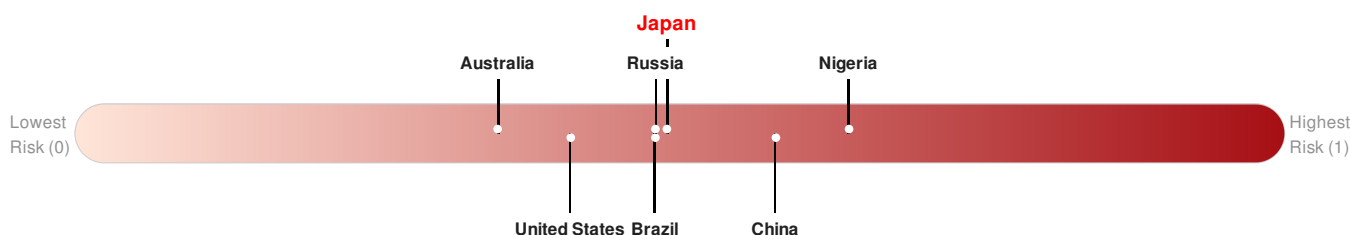
## Risk & Vulnerability

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## 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

**Japan** ranks 49 out of 164 countries assessed for Multi Hazard Risk. Japan has a Multi Hazard Risk higher than 51% of countries assessed. This indicates that Japan has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

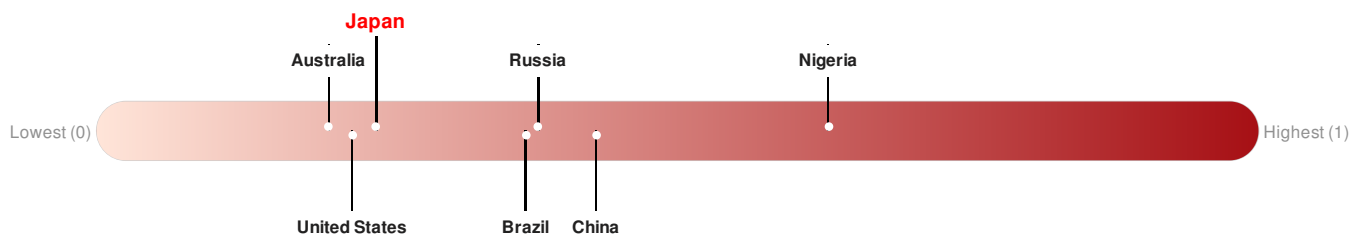


Source: [PDC](#)

## Lack of Resilience Index:

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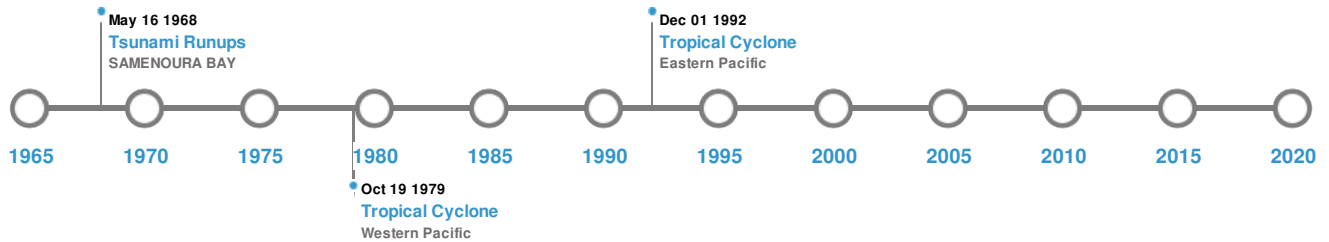




## Historical Hazards

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### 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
	SARAH	11-Sep-1959 06:00:00 - 19-Sep-1959 18:00:00	190	No Data	Western Pacific	30.75° N / 135.65° 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
	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.

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