





Region Selected » Lower Left Latitude/Longitude: 28.593 N° , 127.65700000000001 E°
 Upper Right Latitude/Longitude: 34.593 N° , 133.657 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:

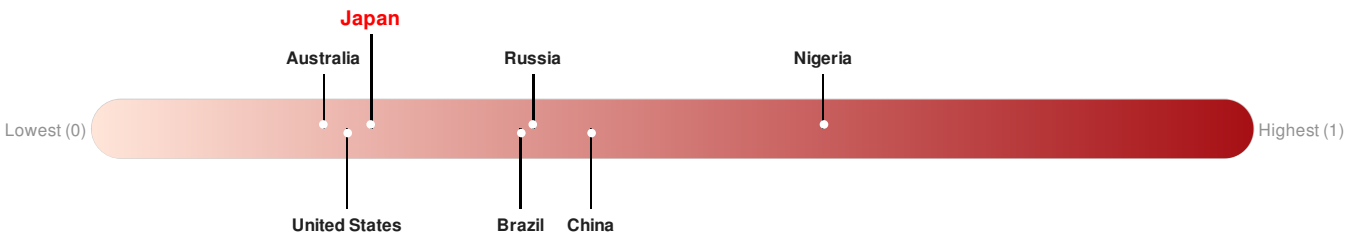
Active Volcanoes								
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		22-Oct-2018 22:31:20	Volcano - Aira, Japan	-	-	-	-	31.59° N / 130.66° E
		21-Oct-2018 11:31:19	Volcano - Kuchinoerabujima, Japan	-	-	-	-	30.44° N / 130.22° E

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:

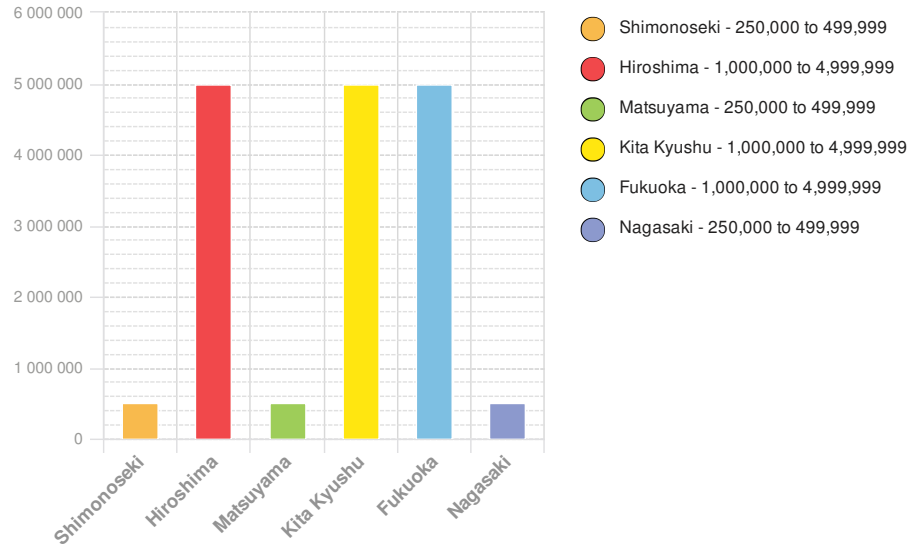
2011

Total: 19,669,748

Max Density: 31,844 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



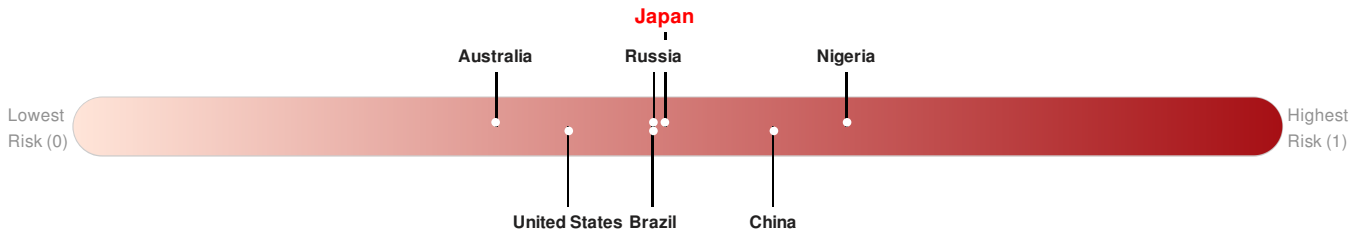
Risk & Vulnerability

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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.

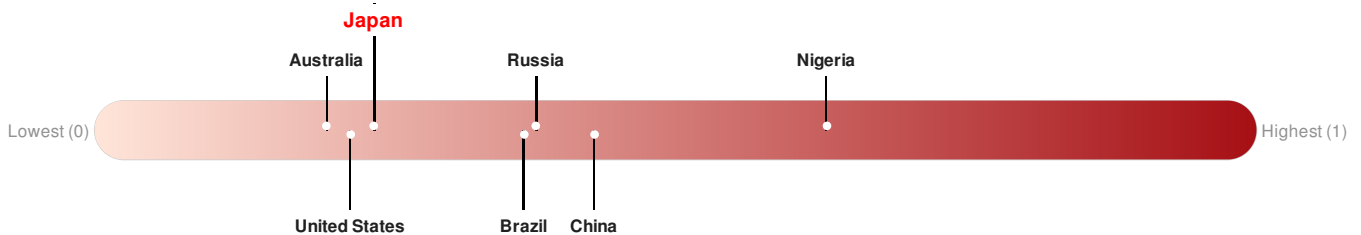


Source: [PDC](#)

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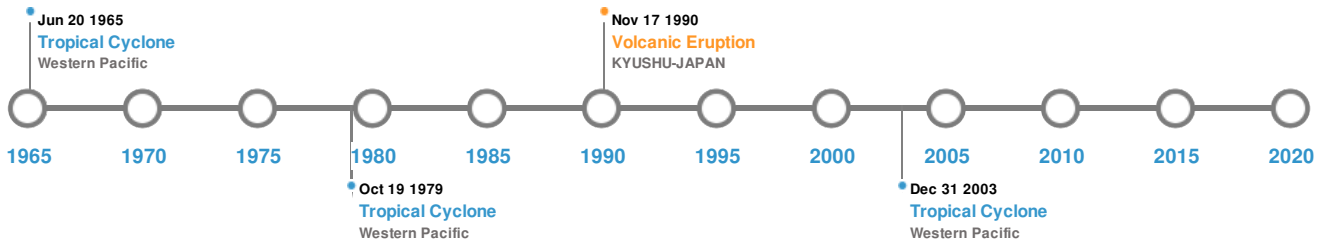


Source: [PDC](#)

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
	02-Jun-1905 00:05:00	7.80	100	JAPAN: AKI	34° N / 132° E

Source: [Earthquakes](#)

Volcanic Eruptions:






5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	UNZEN	17-Nov-1990 00:00:00	4.00	KYUSHU-JAPAN	32.75° N / 130.3° E
	SAKURA-JIMA	12-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
	SAKURA-JIMA	01-Jan-1914 00:00:00	4.00	KYUSHU-JAPAN	31.58° N / 130.67° E
	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

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	55	-	SHIMABARA	32.8° N / 130.35° E
	24-Dec-1854 00:00:00	JAPAN	28	-	KOCHI PREFECTURE	33.59° N / 133.55° E
	28-Oct-1707 00:00:00	JAPAN	25.7	-	KURE	33.33° N / 133.25° E
	28-Oct-1707 00:00:00	JAPAN	24	-	TANEZAKI	33.5° N / 133.57° E
	28-Oct-1707 00:00:00	JAPAN	20	18441	TOSA	33.51° N / 133.44° 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
	DINAH	12-Jun-1965 12:00:00 - 20-Jun-1965 12:00:00	184	No Data	Western Pacific	23.88° N / 132.2° E
	CHABA	30-Jan-2004 00:00:00 - 31-Aug-2004 06:00:00	178	No Data	Western Pacific	27.04° N / 146.2° E

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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