



Region Selected » Lower Left Latitude/Longitude: 32.4975 N°, 138.0217 E°
 Upper Right Latitude/Longitude: 38.4975 N°, 144.0217 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:

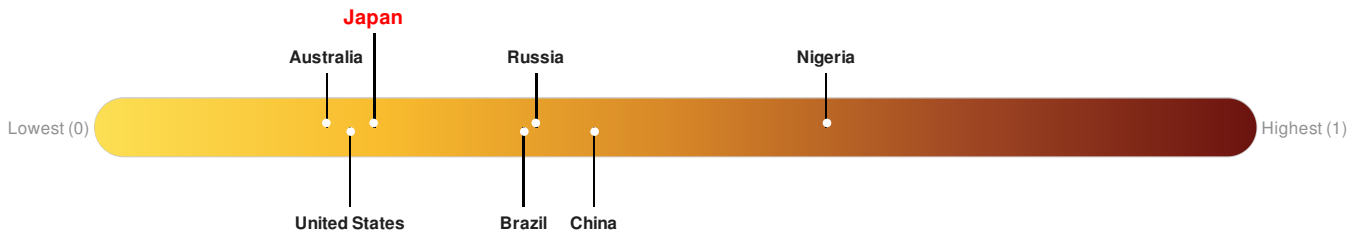
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		21-Apr-2018 10:11:46	5	12.58	31km SSE of Hasaki, Japan	35.5° N / 141.02° E

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

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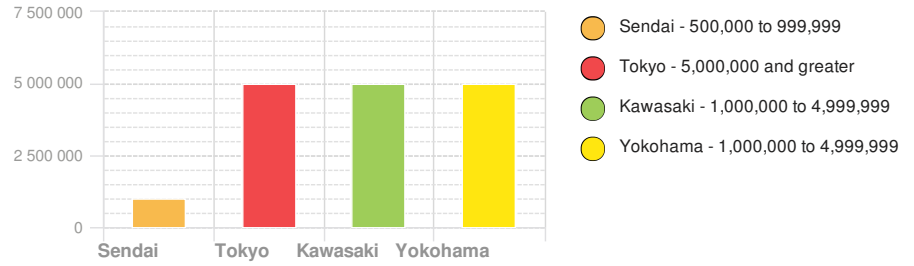
Population Data:

2011

Total: 53,291,008

Max Density: 41,427 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

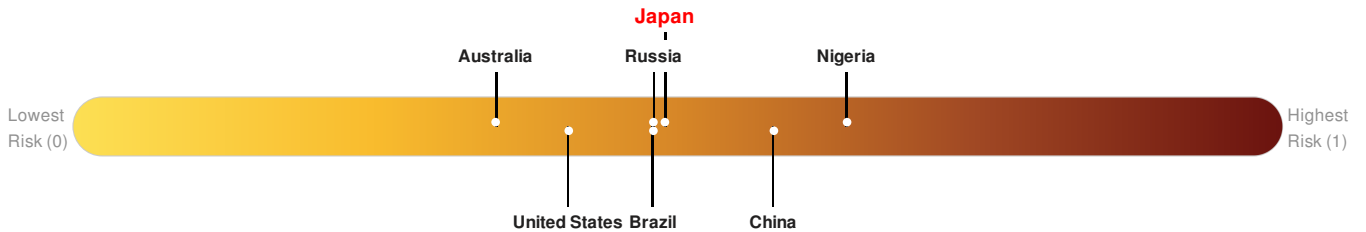
Risk & Vulnerability

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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

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.

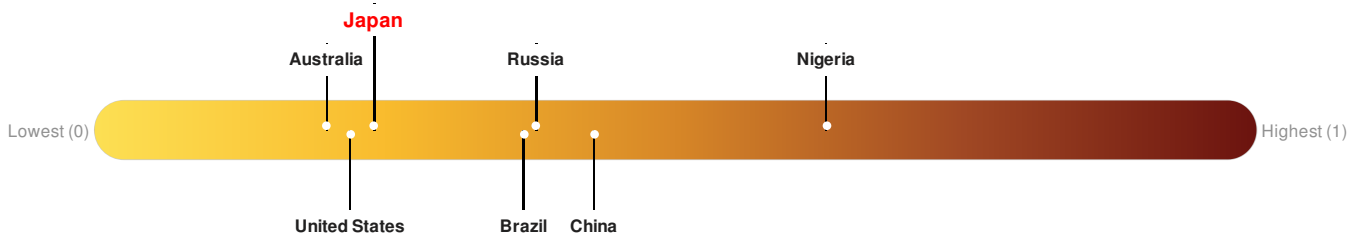


Source: [PDC](#)

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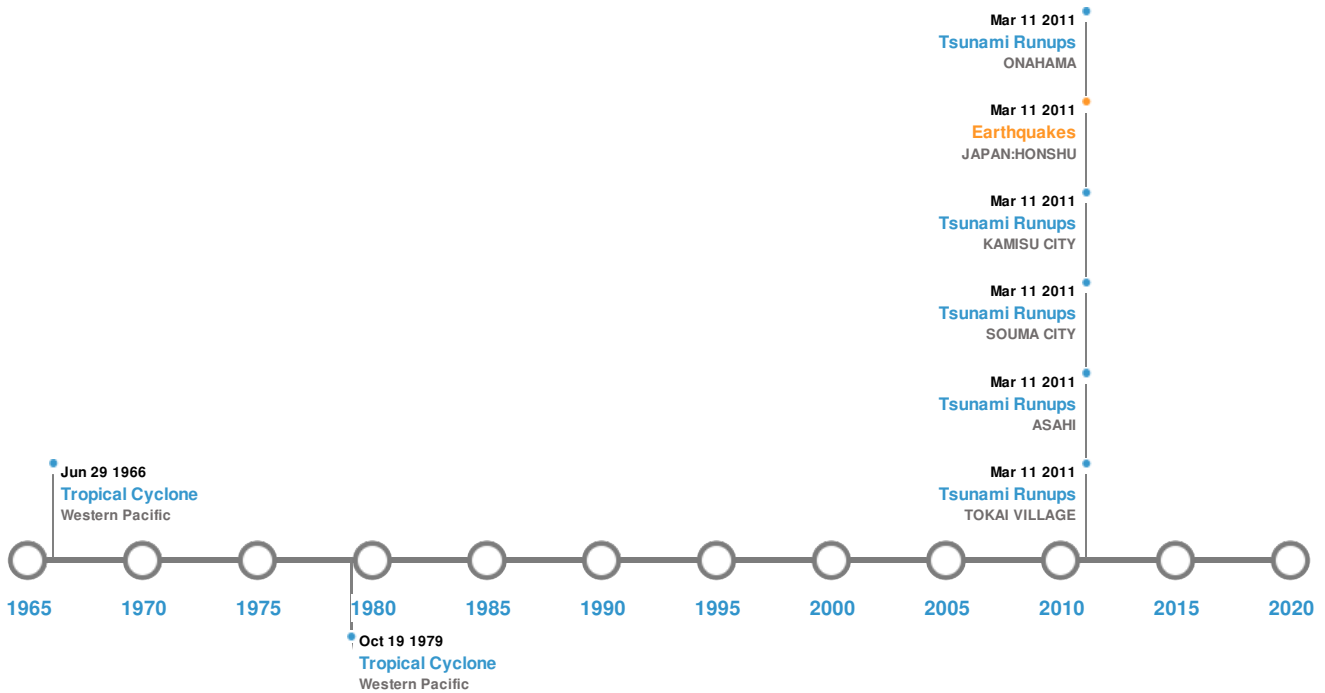


Source: [PDC](#)

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
	11-Mar-2011 05:46:24	9.00	29	JAPAN: HONSHU	38.3° N / 142.37° E
	05-Jun-1898 00:00:00	8.70	60	JAPAN: OFF EAST COAST HONSHU	38° N / 143° E
	20-Sep-1498 00:00:00	8.60	-	JAPAN: ENSHUNADA SEA	34° N / 138.1° E
	19-Feb-1897 00:23:00	8.30	33	JAPAN: SANRIKU	38° N / 142° E
	30-Dec-1703 00:17:00	8.20	-	JAPAN: OFF SW BOSO PENINSULA	35° N / 140° E

Source: [Earthquakes](#)

Volcanic Eruptions:






5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	BANDAI	15-Jul-1888 00:00:00	4.00	HONSHU-JAPAN	37.6° N / 140.08° E
	NASU	01-Jul-1881 00:00:00	4.00	HONSHU-JAPAN	37.12° N / 139.97° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ASAMA	26-Jul-1783 00:00:00	4.00	HONSHU-JAPAN	36.4° N / 138.53° E
	ASAMA	09-May-1783 00:00:00	4.00	HONSHU-JAPAN	36.4° N / 138.53° E
	MYOKO	11-Aug-1772 00:00:00	4.00	HONSHU-JAPAN	36.88° N / 138.11° E





Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 05:52:24	JAPAN	-	-	ONAHAMA	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	TOKAI VILLAGE	- / -
	11-Mar-2011 00:00:00	JAPAN	-	20	ASAHI	- / -
	11-Mar-2011 00:00:00	JAPAN	-	456	SOUMA CITY	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	KAMISU CITY	- / -

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
	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° E
	IDA	20-Sep-1958 18:00:00 - 27-Sep-1958 18:00:00	201	No Data	Western Pacific	26.88° N / 140.85° E
	KIT	22-Jun-1966 06:00:00 - 29-Jun-1966 18:00:00	196	No Data	Western Pacific	26.45° N / 141.6° 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

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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