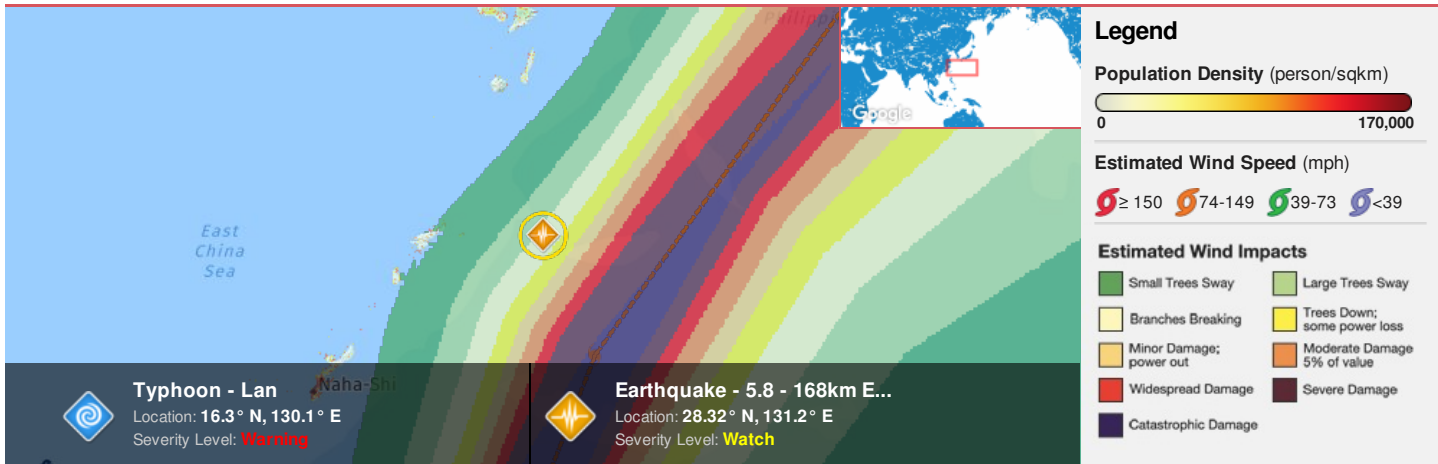


Region Selected » Lower Left Latitude/Longitude: 25.3205 N°, 128.2016 E°
 Upper Right Latitude/Longitude: 31.3205 N°, 134.2016 E°



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
		19-Oct-2017 09:19:53	5.8	10	168km E of Naze, Japan	28.32° N / 131.2° E

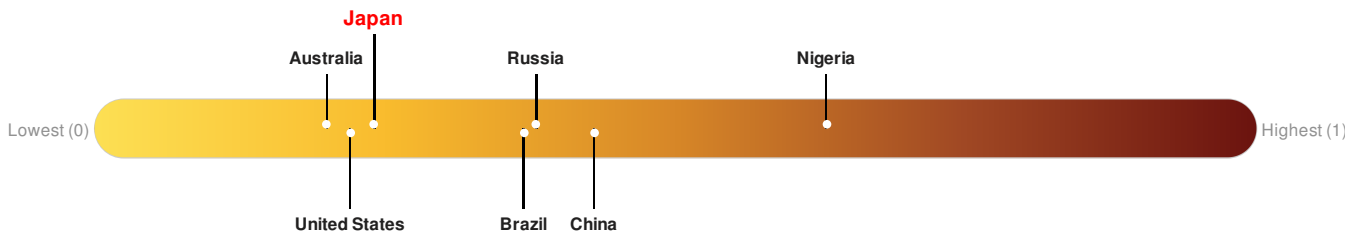
Active Tropical Cyclones

Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
		LAN	86	104	NNW	12	16	Hurricane/Typhoon > 74 mph	-	16.3° N / 130.1° E

Source: [PDC](#)

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **Japan** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



Japan ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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: 325, 148

Max Density: 10, 062(ppl/km²)

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.

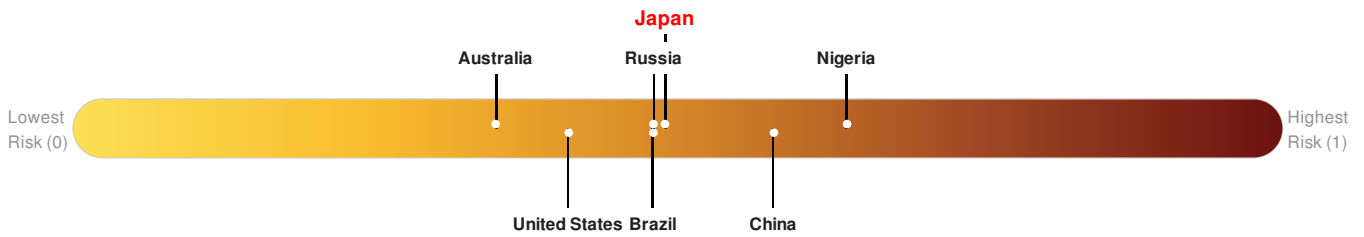
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

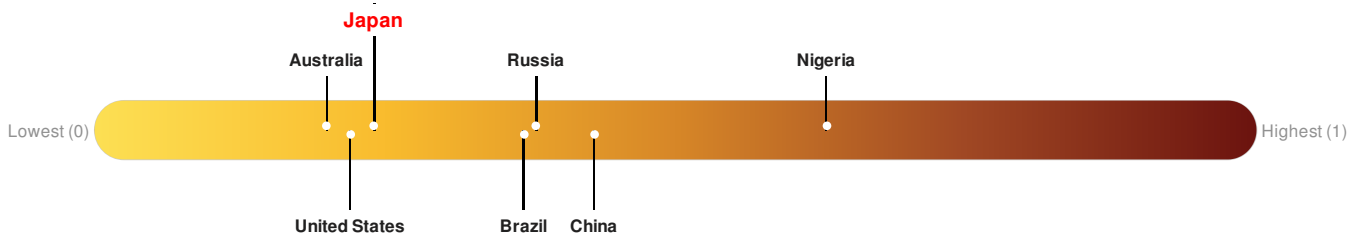
Japan ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **Japan** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



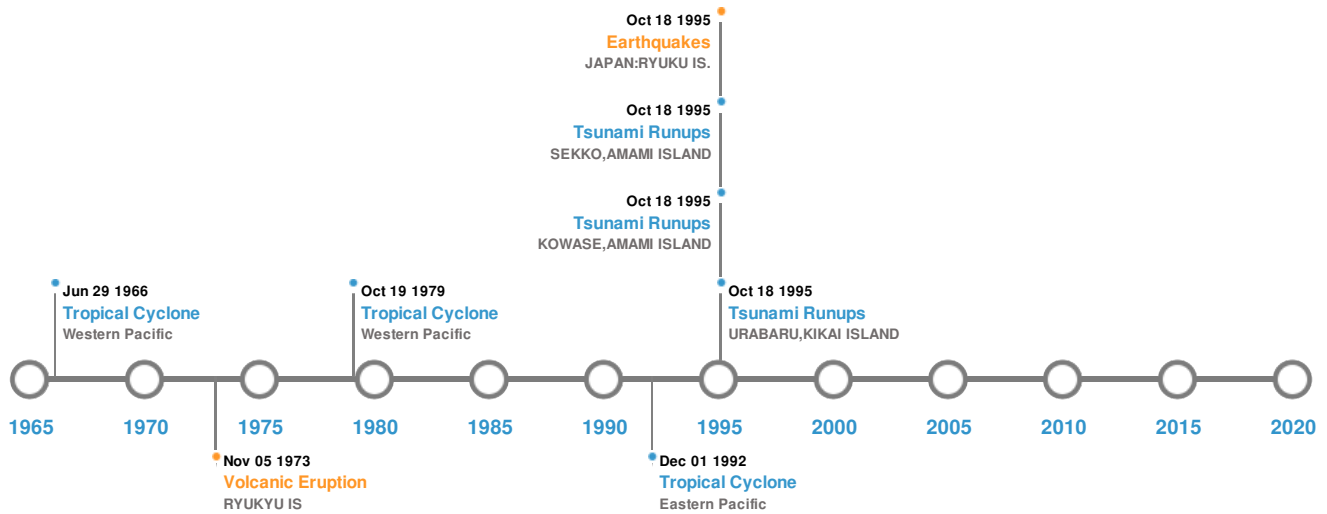
Japan ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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
	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
	18-Oct-1995 00:10:00	7.10	28	JAPAN: RYUKU IS.	27.93° N / 130.18° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	IBUSUKI VOLC FIELD	29-Aug-0885 00:00:00	4.00	KYUSHU-JAPAN	31.22° N / 130.57° E
	IBUSUKI VOLC FIELD	29-Mar-0874 00:00:00	4.00	KYUSHU-JAPAN	31.22° N / 130.57° E
	KUCHINOERABU-JIMA	05-Nov-1973 00:00:00	3.00	RYUKYU IS	30.43° N / 130.22° 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	7	-	SAN-NOSAWA	27.88° N / 128.94° E
	30-Dec-1703 00:00:00	JAPAN	4	-	OINO	31.27° N / 130.95° E
	18-Oct-1995 00:00:00	JAPAN	2.59	-	URABARU, KIKAI ISLAND	28.28° N / 129.97° E
	18-Oct-1995 00:00:00	JAPAN	2.38	-	KOWASE, AMAMI ISLAND	28.29° N / 129.47° E
	18-Oct-1995 00:00:00	JAPAN	2.34	-	SEKKO, AMAMI ISLAND	28.16° N / 129.38° 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
	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
	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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