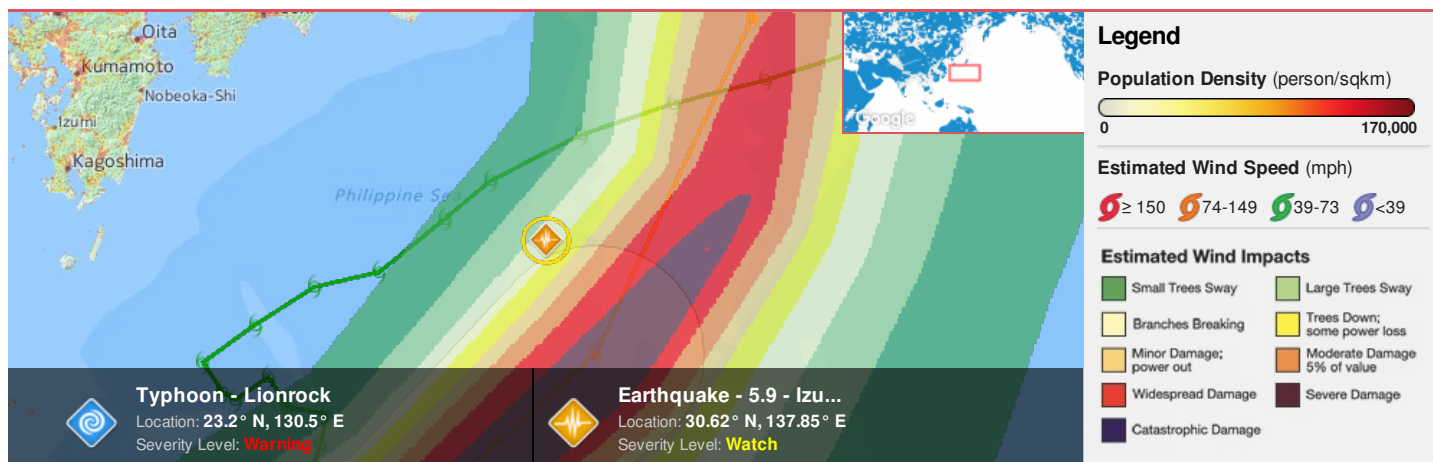




Region Selected » Lower Left Latitude/Longitude: 27.6151 N°, 134.8462 E°
Upper Right Latitude/Longitude: 33.6151 N°, 140.8462 E°



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
		25-Aug-2016 17:24:27	5.9	456	Izu Islands, Japan region	30.62° N / 137.85° E

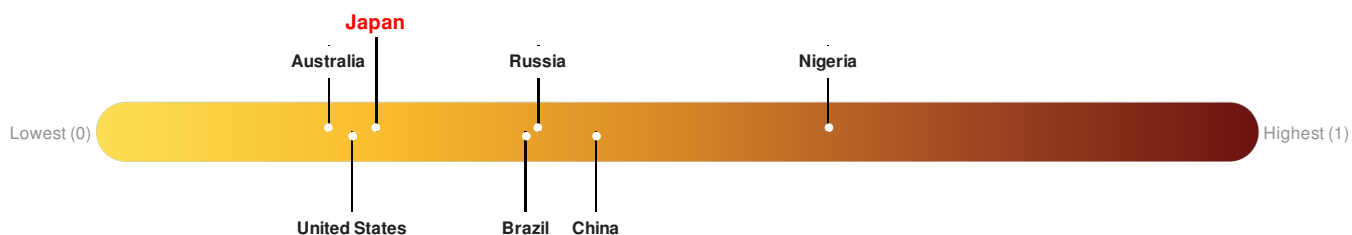
Active Tropical Cyclones

Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
		LIONROCK	121	150	SW	3	32	Hurricane/Typhoon > 74 mph	-	23.2° N / 130.5° 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: **51,375**

Max Density: **3,948**(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.

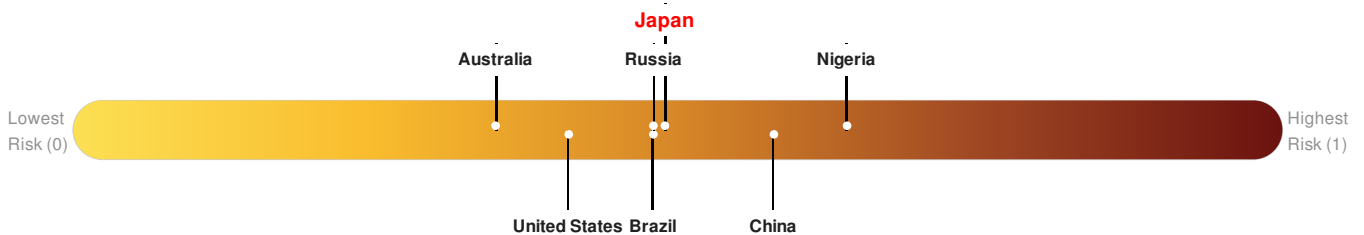
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

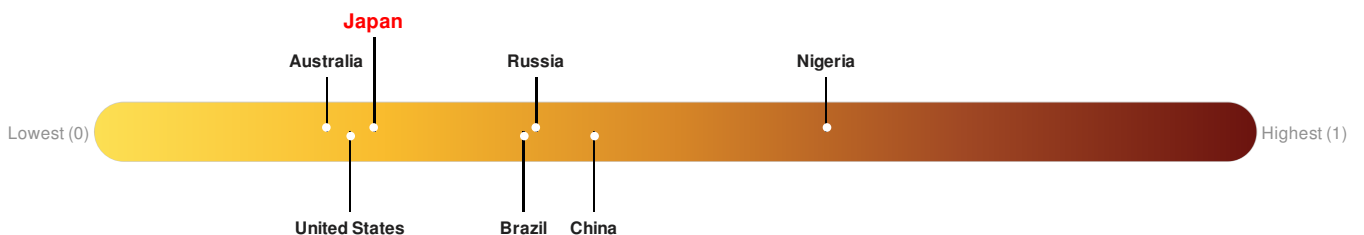
Japan ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



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.



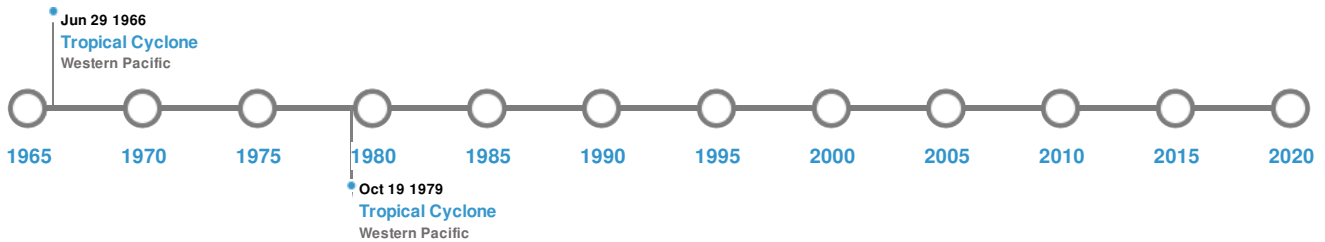
Japan ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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
	26-Aug-0887 00:00:00	8.60	-	JAPAN: NANKAIDO	33° N / 135.3° E
	24-Dec-1854 00:08:00	8.40	-	JAPAN: NANKAIDO	33.1° N / 135° E
	03-Aug-1361 00:00:00	8.40	-	JAPAN: NANKAIDO	33° N / 135° E
	22-Feb-1099 00:00:00	8.40	-	JAPAN: NANKAIDO	33° N / 135.5° E
	20-Dec-1946 00:19:00	8.10	20	JAPAN: HONSHU: S COAST	33° N / 135.6° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	BAYONNAISE ROCKS	16-Sep-1952 00:00:00	3.00	IZU IS-JAPAN	31.92° N / 139.92° E
	TORI-SHIMA	07-Aug-1902 00:00:00	3.00	IZU IS-JAPAN	30.48° N / 140.32° E
	AOGA-SHIMA	18-Apr-1785 00:00:00	3.00	IZU IS-JAPAN	32.45° N / 139.77° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	AOGA-SHIMA	01-Jan-1652 00:00:00	3.00	IZU IS-JAPAN	32.45° N / 139.77° E
	HACHIJO-JIMA	27-Oct-1605 00:00:00	3.00	IZU IS-JAPAN	33.13° N / 139.77° E

Source: [Volcanoes](#)

Tsunami Runups:





5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	07-Dec-1944 00:00:00	JAPAN	6.2	-	URAKAMI	33.57° N / 135.9° E
	20-Dec-1946 00:00:00	JAPAN	5.5	-	FUKUROKO	33.48° N / 135.77° E
	07-Dec-1944 00:00:00	JAPAN	5	-	TAIJI	33.58° N / 135.95° E
	20-Dec-1946 00:00:00	JAPAN	4.8	-	ARITA	33.48° N / 135.73° E
	20-Dec-1946 00:00:00	JAPAN	4.5	-	EDA	33.48° N / 135.7° 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
	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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