

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 Tropical Cyclones

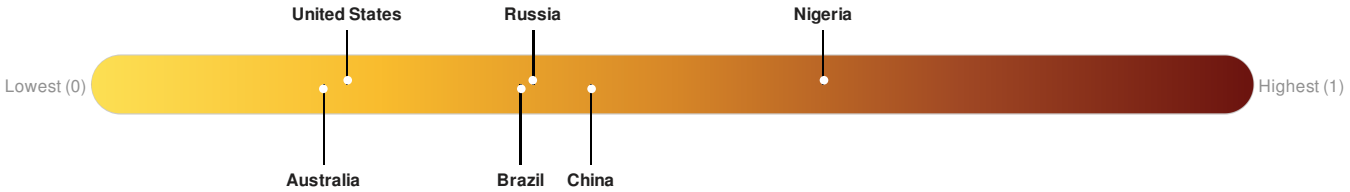
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
		Tropical Cyclone - Lane	29	40	N	6	59	Tropical Depression	1007 mb	19.5° N / 168.3° W

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.

There was insufficient data to determine the Lack of Resilience Index score for **Johnston Atoll**.



Source: [PDC](#)

Regional Overview

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Population Data:

Populated Areas:

Total: 0

Max Density: 0(pppl/km²)

Source: [iSciences](#)

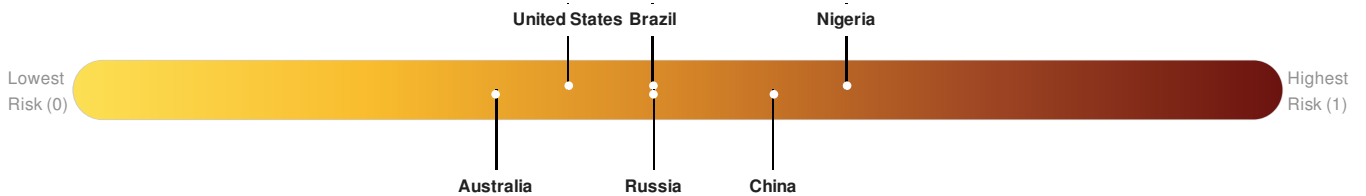
Risk & Vulnerability

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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

There was insufficient data to determine the Multi Hazard Risk Index score for **Johnston Atoll**.

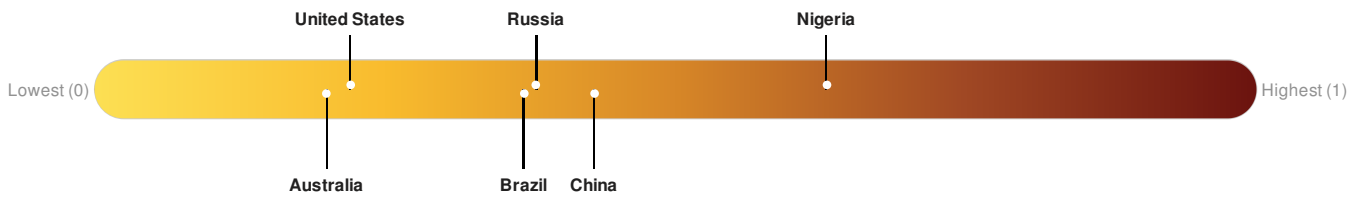


Source: [PDC](#)

Lack of Resilience Index:

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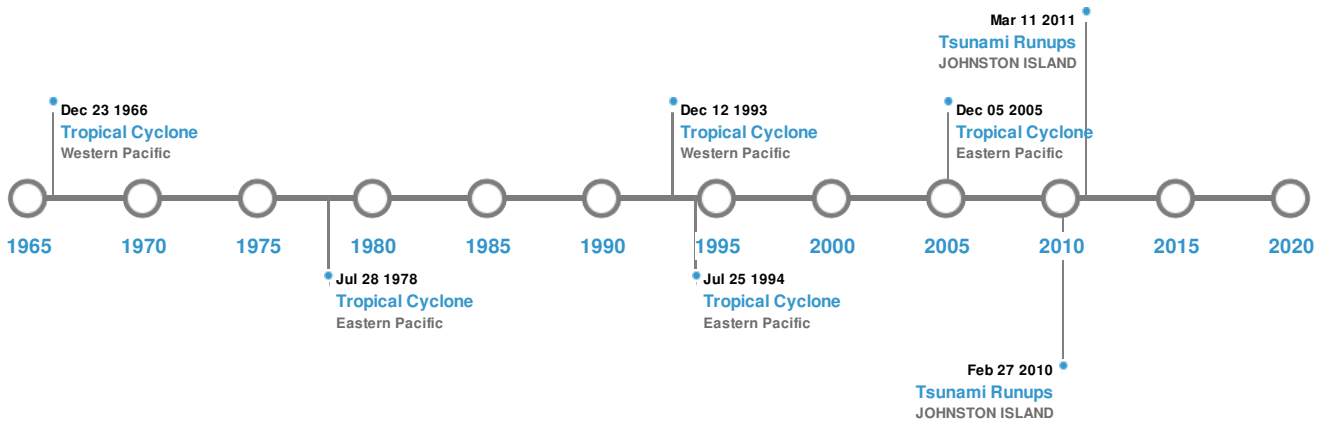


Source: [PDC](#)

Historical Hazards

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Historical Hazards:



Tsunami Runups:


5 Largest Tsunami Runups





Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	22-May-1960 11:30:00	USA TERRITORY	0.52	-	JOHNSTON ISLAND	16.75° N / 169.52° W
	27-Feb-2010 22:48:00	USA TERRITORY	0.22	-	JOHNSTON ISLAND	16.75° N / 169.52° W
	28-Mar-1964 09:39:00	USA TERRITORY	0.2	-	JOHNSTON ISLAND	16.75° N / 169.52° W
	04-Nov-1952 00:00:00	USA TERRITORY	0.2	-	JOHNSTON ISLAND	16.75° N / 169.52° W
	11-Mar-2011 12:03:24	USA TERRITORY	0.18	-	JOHNSTON ISLAND	- / -

Source: [Tsunamis](#)

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	JOHN	11-Aug-1994 12:00:00 - 12-Sep-1994 18:00:00	173	No Data	Western Pacific	27.06° N / 0°
		20-Aug-2006 06:00:00 - 05-Sep-2006				

 Event	IOKE Name	00:00:00 Start/End Date(UTC)	161 Max Wind Speed (mph)	No Data Min Pressure (mb)	Eastern Pacific Location	21.68° N / 0° Lat/Long
	EMILIA	16-Jul-1994 06:00:00 - 25-Jul-1994 00:00:00	155	926	Eastern Pacific	14.44° N / 148.85° W
	SARAH	09-Sep-1967 06:00:00 - 23-Sep-1967 00:00:00	150	No Data	Western Pacific	24.88° N / 0°
	FICO	09-Jul-1978 06:00:00 - 28-Jul-1978 18:00:00	138	No Data	Eastern Pacific	20.88° N / 141.7° W

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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