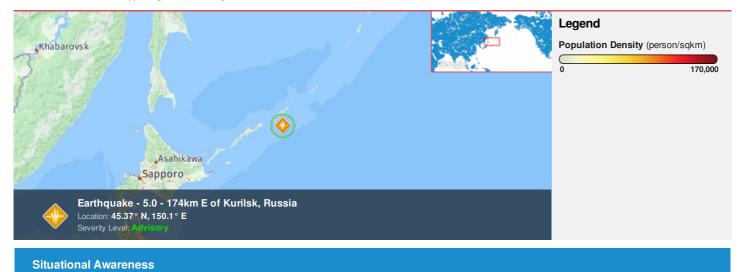
A Pacific Disaster	Center HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	SAKHALIN
Area Brief: Gene	10 Mar 2010	14:22:33	<b>18:22:33</b>	<b>21:22:33</b>	<b>01:22:33</b>	<b>05:22:33</b>
Executive Summ		18 Mar 2018	18 Mar 2018	18 Mar 2018	19 Mar 2018	19 Mar 2018

Region Selected » Lower Left Latitude/Longitude: 42.3719 N°, 147.0962 E° Upper Right Latitude/Longitude: 48.3719 N°, 153.0962 E°



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.

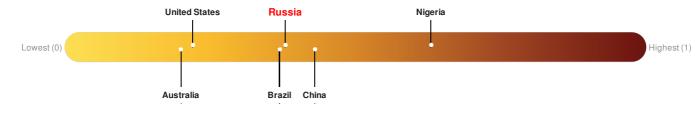
## **Current Hazards:**

Recent Earthquakes							
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long	
	0	18-Mar-2018 18:22:01	5	85.86	174km E of Kuril'sk, Russia	45.37° N / 150.1° E	
Source: <u>PDC</u>							

## 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.

Russia ranks 99 out of 165 countries assessed for Lack of Resilience. Russia is less resilient than 40% of countries assessed. This indicates that Russia has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC



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:**

## **Populated Areas:**

#### Source: <u>iSciences</u>

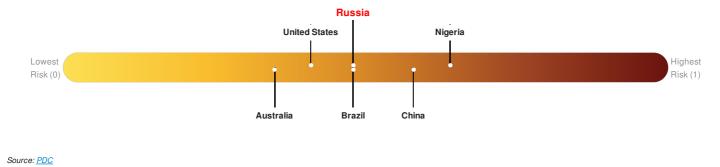
**Risk & Vulnerability** 

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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

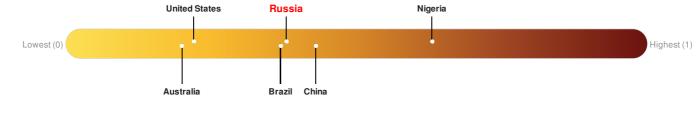
Multi-Hazard Exposure **Russia** ranks **89** out of **165** countries assessed for Multi Hazard Risk. Russia has a Multi Hazard Risk higher than 47% of countries assessed. This indicates that Russia has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



## 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.

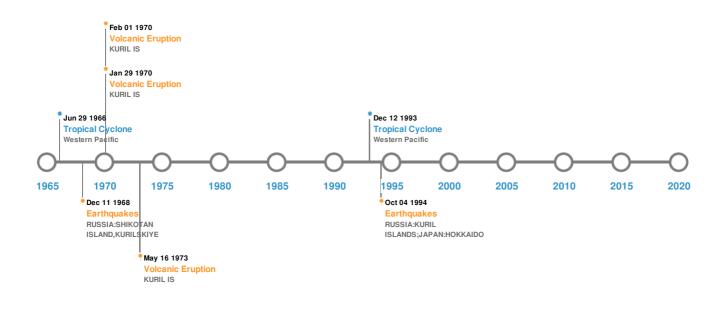
Russia ranks 99 out of 165 countries assessed for Lack of Resilience. Russia is less resilient than 40% of countries assessed. This indicates that Russia has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

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.

#### **Historical Hazards:**



#### Earthquakes:

Largest	Earthquakes (Resulting	in significant dam	nage or deaths)		
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
<b></b>	13-Oct-1963 00:05:00	8.50	47	RUSSIA: KURIL ISLANDS	44.81° N / 149.54° E
	04-Oct-1994 00:13:00	8.30	14	RUSSIA: KURIL ISLANDS; JAPAN: HOKKAIDO	43.77° N / 147.32° E
	06-Nov-1958 00:22:00	8.30	40	RUSSIA: KURIL ISLANDS: S	44.53° N / 148.54° E
	07-Sep-1918 00:17:00	8.30	33	RUSSIA: KURIL ISLANDS	45.5° N / 151.5° E
	11-Aug-1969 00:21:00	8.20	30	RUSSIA: SHIKOTAN ISLAND, KURILSKIYE	43.6° N / 147.9° E

Source: Earthquakes

# **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long		
٩	GROZNY GROUP	16-May-1973 00:00:00	3.00	KURIL IS	45.01° N / 147.86° E		
	KOLOKOL GROUP	01-Feb-1970 00:00:00	3.00	KURIL IS	46.05° N / 150.06° E		

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
Ó	KOLOKOL GROUP	29-Jan-1970 00:00:00	3.00	KURIL IS	46.05° N / 150.06° E
٩	ZAVARITZKI CALDERA	28-Nov-1957 00:00:00	3.00	KURIL IS	46.92° N / 151.95° E
٩	CHIRPOI	01-Jul-1857 00:00:00	3.00	KURIL IS	46.53° N / 150.88° E

Source: Volcanoes

## **Tsunami Runups:**

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
	20-Oct-1963 00:00:00	RUSSIA	15		URUP, KURILSKIYE	46.2° N / 150.55° E	
	07-Sep-1918 17:46:00	RUSSIA	12	23	E. URUP, KURIL IS.	46.2° N / 150.92° E	
	29-Jun-1780 00:00:00	RUSSIA	12	-	URUP	45.9° N / 150° E	
	20-Oct-1963 00:00:00	RUSSIA	8	-	ITURUP, KURILSKIYE	44.9° N / 147.5° E	
	22-May-1960 00:00:00	RUSSIA	4.7	-	KURILSKIYE	46° N / 150° E	
Cource: Tsunam	via.						

Source: Tsunamis

# **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones							
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
٢	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° E		
٢	KIT	22-Jun-1966 06:00:00 - 29-Jun-1966 18:00:00	196	No Data	Western Pacific	26.45° N / 141.6° E		
٢	VERA	22-Sep-1959 00:00:00 - 28-Sep-1959 12:00:00	190	No Data	Western Pacific	28.93° N / 150.95° E		
٢	JOHN	11-Aug-1994 12:00:00 - 12-Sep-1994 18:00:00	173	No Data	Western Pacific	27.06° N/0°		
٢	TESS	17-Sep-1953 06:00:00 - 27-Sep-1953 12:00:00	173	No Data	Western Pacific	28.66° N / 142.45° E		

Source: Tropical Cyclones

**Disclosures** 

\* As defined by the source (<u>Dartmouth Flood Observatory</u>, 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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