Pacific Disaster Center Area Brief: General	HONOLULU 06:34:52 16 Oct 2018	WASH.D.C. 12:34:52 16 Oct 2018	ZULU 16:34:52 16 Oct 2018	NAIROBI 19:34:52 16 Oct 2018	BANGKOK 23:34:52 16 Oct 2018	KAMCHATKA 04:34:52 17 Oct 2018
Executive Summary	16 Oct 2016	10 Oct 2018	10 Oct 2016	16 Oct 2016	16 Oct 2016	17 OCI 2018

Region Selected » Lower Left Latitude/Longitude: 46.208 N°, 153.143 E° Upper Right Latitude/Longitude: 52.208 N°, 159.143 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.

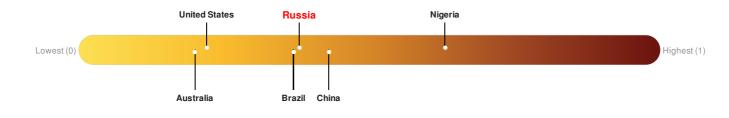
# **Current Hazards:**

Recent Earthquakes									
Event	Severity	Date (UTC) Magnitude Depth (km) Location			Lat/Long				
	0	11-Oct-2018 15:29:55	5	18.93	163km S of Severo-Kuril'sk, Russia		sk, Russia	49.21° N / 156.14° E	
Active Volcanoes									
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long	
	0	25-Oct-2009 00:04:16	Volcano - Ebeko, Russia	-	-	-	-	50.69° N / 156.01° 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 164 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 better able to respond to and recover from a disruption to normal function.



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### **Population Data:**

#### 2011

Total: 6, 309 Max Density: 110(ppl/km<sup>2</sup>) Populated Areas:

No significant land or population areas exist within the current map extent. Please use <u>http://atlas.pdc.org/atlas/</u> for dynamic mapping capabilities.

Source: iSciences

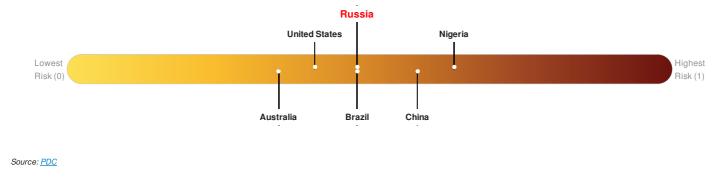
#### **Risk & Vulnerability**

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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

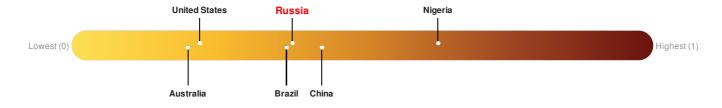
Russia ranks 54 out of 164 countries assessed for Multi Hazard Risk. Russia has a Multi Hazard Risk higher than 46% of countries assessed. This indicates that Russia has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.



#### 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.

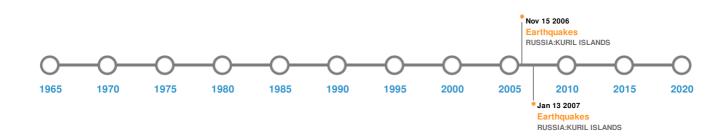
Russia ranks 99 out of 164 countries assessed for Lack of Resilience. Russia is less resilient than 40% of countries assessed. This indicates that Russia has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.



Source: PDC

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### **Historical Hazards:**



# Earthquakes:

vent	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	17-May-1841 00:21:00	8.40	30	RUSSIA: OFF KAMCHATKA	52° N / 158° E
	15-Nov-2006 00:11:00	8.30	10	RUSSIA: KURIL ISLANDS	46.59° N / 153.27° E
	25-Jun-1904 00:14:00	8.30	30	RUSSIA: OFF KAMCHATKA	52° N / 159° E
	13-Jan-2007 00:04:00	8.10	10	RUSSIA: KURIL ISLANDS	46.24° N / 154.52° E
▲	01-May-1915 00:05:00	8.10	25	RUSSIA: KURIL ISLANDS	47° N / 155° E

Source: Earthquakes

# **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)								
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long			
٩	KSUDACH	DACH 28-Mar-1907 00:00:00 5.00		КАМСНАТКА	51.8° N / 157.53° E			
	SARYCHEV PEAK	09-Nov-1946 00:00:00	4.00	KURIL IS	48.09° N / 153.2° E			

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
Ô	RAIKOKE	15-Feb-1924 00:00:00	4.00	KURIL IS	48.25° N / 153.25° E
٩	SINARKA	01-Jan-1872 00:00:00	4.00	KURIL IS	48.87° N / 154.18° E
٩	CHIKURACHKI-TATARINO	01-Dec-1853 00:00:00	4.00	KURIL IS	50.32° N / 155.46° E

Source: Volcanoes

# **Tsunami Runups:**

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	16-Oct-1737 00:00:00	RUSSIA	32	-	LOPATKA, KAMCHATKA	50.87° N / 156.67° E		
	17-Oct-1737 00:00:00	RUSSIA	27	-	SHUMSHU ISLAND, KURILSKIYE	50.75° N / 156.33° E		
	04-Nov-1952 00:00:00	RUSSIA	18	-	PARAMUSHIR, KURILSKIYE	50.42° N / 155.83° E		
	04-Nov-1952 00:00:00	RUSSIA	15	-	KHODUTKA, KAMCHATKA	51.8° N / 158° E		
<b>\</b>	04-Nov-1952 00:00:00	RUSSIA	15	-	SEVERO, KURILSKIYE	50.67° N / 156.17° E		

Source: <u>Tsunamis</u>

# **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	WILDA	19-Sep-1964 12:00:00 - 26-Sep-1964 18:00:00	173	No Data	Western Pacific	34.55° N / 153.55° E				
٢	LOUISE	21-Sep-1955 12:00:00 - 02-Oct-1955 00:00:00	173	No Data	Western Pacific	35.37° N / 150.15° E				
٢	ALICE	14-Jul-1958 18:00:00 - 24-Jul-1958 12:00:00	150	No Data	Western Pacific	30.51° N / 144.5° E				
٢	SHIRLEY	04-Sep-1965 06:00:00 - 12-Sep-1965 00:00:00	150	No Data	Western Pacific	34.06° N / 143.75° E				
٢	HESTER	04-Oct-1957 00:00:00 - 11-Oct-1957 00:00:00	150	No Data	Western Pacific	28.87° N / 151.75° 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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