A Pacific Disas	ster Center HONOLI	ILU WASH.D.C.	ZULU	NAIROBI	BANGKOK	КАМСНАТКА
Area Brief: C	General 06:12: Ummary <sup>19 Sep 2</sup>	43 12:12:43   018 19 Sep 2018	16:12:43 19 Sep 2018	<b>19:12:43</b> 19 Sep 2018	23:12:43 19 Sep 2018	04:12:43 20 Sep 2018

Region Selected » Lower Left Latitude/Longitude: 46.8462 N°, 153.173 E° Upper Right Latitude/Longitude: 52.8462 N°, 159.173 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) Locati		ation		Lat/Long	
	0	15-Sep-2018 15:59:27	5.4	49.47	92km S of Severo-Kuril'sk, Russia			49.85° N / 156.17° E	
Active	Active Volcanoes								
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	on Lat/Long	
	0	26-Nov-2009 00:04:16	Volcano - Sarychev Peak, F	Russia -			-	48.1° N / 153.2° E	
	0	25-Oct-2009 00:04:16	Volcano - Ebeko, Russi	ia -	-	-	-	50.68° N / 156.02° 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.



#### **Regional Overview**

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#### **Population Data:**

#### 2011

Total: 9, 491 Max Density: 840(ppl/km<sup>2</sup>)



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: <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

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.



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.

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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### **Historical Hazards:**



### Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)								
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long			
	17-May-1841 00:21:00	8.40	30	RUSSIA: OFF KAMCHATKA	52° N / 158° E			
	25-Jun-1904 00:14:00	8.30	30	RUSSIA: OFF KAMCHATKA	52° N / 159° E			
	01-May-1915 00:05:00	8.10	25	RUSSIA: KURIL ISLANDS	47° N / 155° E			
	25-Jun-1904 00:21:00	8.10	30	RUSSIA: OFF KAMCHATKA	52° N / 159° E			
	27-Jun-1904 00:00:00	7.90	60	RUSSIA: OFF KAMCHATKA	52° N / 159° 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	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
Ó	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		
	04-Nov-1952 00:00:00	RUSSIA	15	-	SEVERO, KURILSKIYE	50.67° N / 156.17° E		

Source: <u>Tsunamis</u>

# **Tropical Cyclones:**

5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
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	HESTER	04-Oct-1957 00:00:00 - 11-Oct-1957 00:00:00	150	No Data	Western Pacific	28.87° N / 151.75° 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	GEORGIA	16-Apr-1962 18:00:00 - 26-Apr-1962 18:00:00	150	No Data	Western Pacific	29.31° N / 149.4° 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		

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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