Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	SAKHALIN
	10:45:57 23 Oct 2016	16:45:57 23 Oct 2016	20:45:57 23 Oct 2016	23:45:57 23 Oct 2016	03:45:57 24 Oct 2016	07:45:57 24 Oct 2016

Region Selected » Lower Left Latitude/Longitude: 40.9819 N˚ , 145.1617 E˚
Upper Right Latitude/Longitude: 46.9819 N˚ , 151.1617 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:

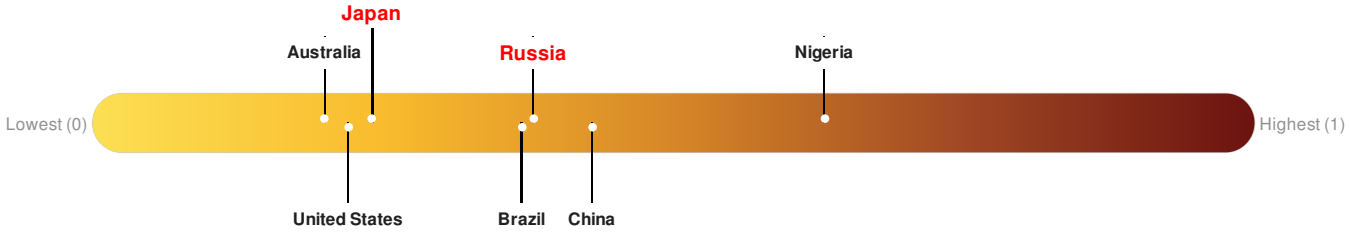
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
	!	23-Oct-2016 20:45:08	5.8	29.7	117km E of Shikotan, Russia	43.98° N / 148.16° 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. **Russia** ranks **99** out of **165** on the Lack of Resilience index with a score of 0.38. **Japan** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



Russia ranks **99** 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 Governance, Marginalization and Environmental Capacity.

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

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Population Data:

2011

Total: 59, 301
Max Density: 5, 245(ppl/km^2)

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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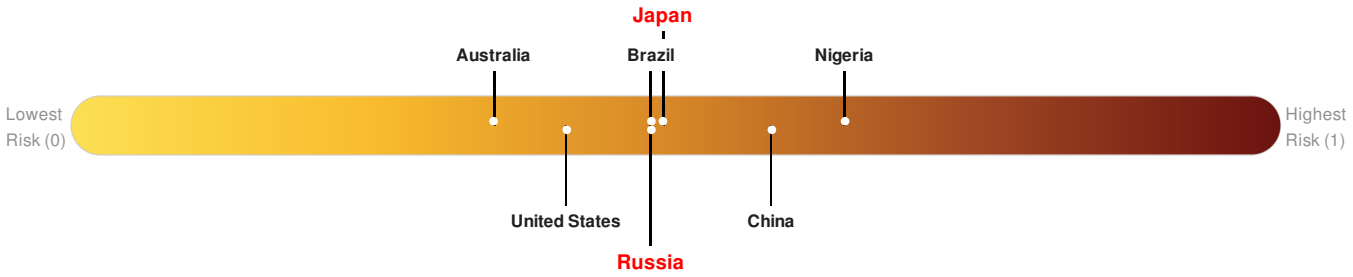
Multi Hazard Risk Index:

Russia ranks **89** out of **165** on the Multi-Hazard Risk Index with a score of 0.48. Russia is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

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

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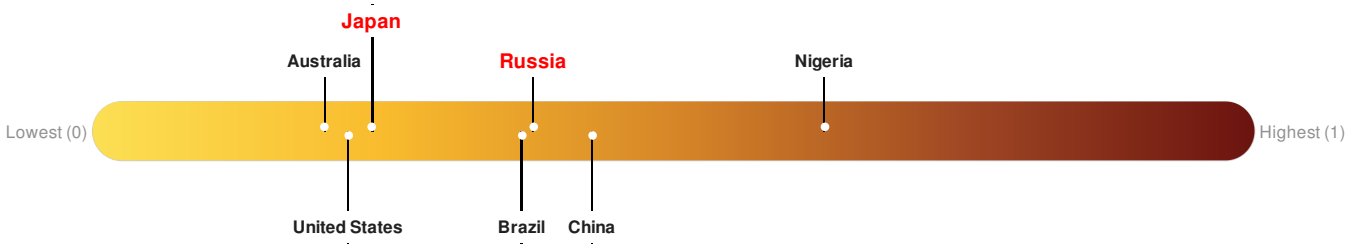

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Source: PDC

Historical Hazards

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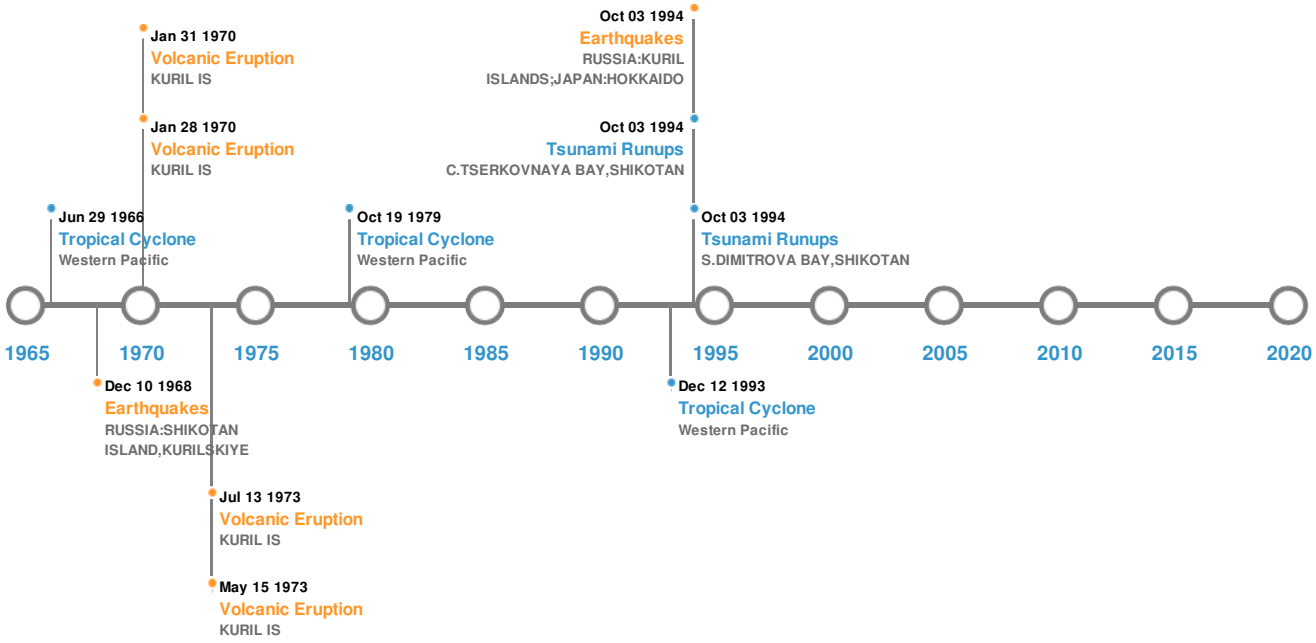
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	13-Oct-1963 00:05:00	8.50	47	RUSSIA: KURIL ISLANDS	44.81° N / 149.54° E
	25-Apr-1843 00:00:00	8.40	-	JAPAN: HOKKAIDO: YEZO, KUSHIRO, NEMURO	42° N / 146° 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
	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
	TIATIA	14-Jul-1973 00:00:00	4.00	KURIL IS	44.35° N / 146.25° E
	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
	KOLOKOL GROUP	29-Jan-1970 00:00:00	3.00	KURIL IS	46.05° N / 150.06° E
	SHIRETOKO-IWO-ZAN	09-Aug-1889 00:00:00	3.00	HOKKAIDO-JAPAN	44.13° N / 145.17° 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
	04-Oct-1994 00:00:00	RUSSIA	10.4	-	S. DIMITROVA BAY, SHIKOTAN	43.79° N / 146.82° E
	04-Oct-1994 00:00:00	RUSSIA	8.5	-	C.TSERKOVNAYA BAY,SHIKOTAN	43.74° N / 146.69° 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
	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° 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
	VERA	22-Sep-1959 00:00:00 - 28-Sep-1959 12:00:00	190	No Data	Western Pacific	28.93° N / 150.95° E
	JOHN	11-Aug-1994 12:00:00 - 12-Sep-1994 18:00:00	173	No Data	Western Pacific	27.06° N / 0°

Source: Tropical Cyclones