Pacific Disaster Center	HONOLULU	WASH.D.C.	SOUTH GEORGIA	ZULU	NAIROBI	BANGKOK
Area Brief: General	08:30:55	14:30:55	16:30:55	18:30:55	21:30:55	01:30:55
Executive Summary	26 Jul 2016	26 Jul 2016	26 Jul 2016	26 Jul 2016	26 Jul 2016	27 Jul 2016

Region Selected » Lower Left Latitude/Longitude: -58.6638 N°, -29.6719 E° Upper Right Latitude/Longitude: -52.6638 N°, -23.6719 E°

King Edward Point	Google	Legend Population Density (person/sqkm) 0 170,000
Earthquake - 5.4 - 119km NNE of Visokoi Island, South Georgia and the South Sandwich Situational Awareness		

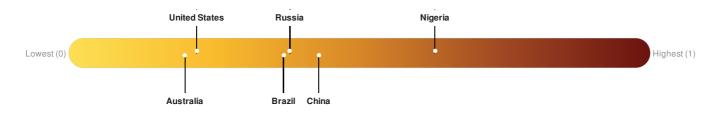
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
	0	26-Jul-2016 16:53:46	5.4	35	119km NNE of Visokoi Island, South Georgia and the South Sandwich Islands	55.66° S/26.67° W
Source: <u>PDC</u>						

# 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. There was insufficient data to determine the Lack of Resilience Index score for **South Georgia & the South Sandwich Is.** 



There was insufficient data to determine the Lack of Resilience Index score for South Georgia & the South Sandwich Is..

Source: PDC

#### **Regional Overview**

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# **Population Data:**

## **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.

2011

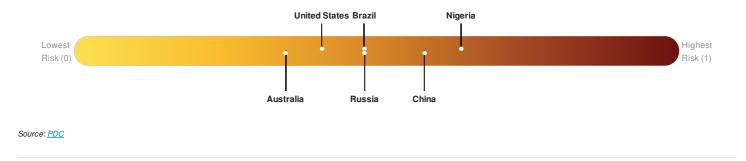
#### Source: <u>iSciences</u>

#### **Risk & Vulnerability**

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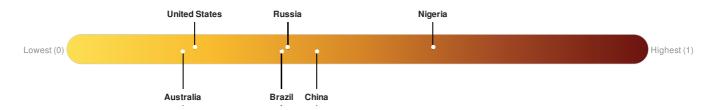
#### **Multi Hazard Risk Index:**

There was insufficient data to determine the Multi Hazard Risk Index score for South Georgia & the South Sandwich Is.



### Lack of Resilience Index:

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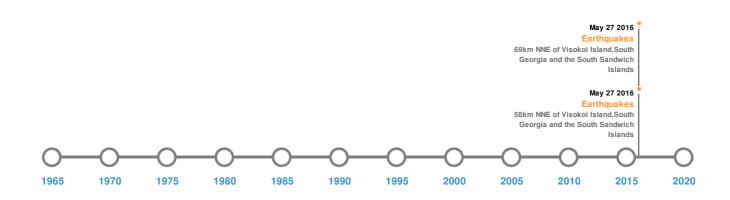


There was insufficient data to determine the Lack of Resilience Index score for South Georgia & the South Sandwich Is..

Source: <u>PDC</u>

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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	
	27-Jun-1929 00:12:00	7.80	10	SOUTH SANDWICH ISLANDS	54° S/29.5° W	
	08-Sep-1961 00:11:00	7.70	125	SOUTH SANDWICH ISLANDS	56.3° S/27.1° W	
<b></b>	05-Sep-1961 00:00:00	7.70	-	SOUTH SANDWICH ISLANDS	58° S/27° W	
<b></b>	28-May-2016 09:47:03	7.30	103	69km NNE of Visokoi Island, South Georgia and the South Sandwich Islands	56.1° S/26.9° W	
<b></b>	28-May-2016 09:46:59	7.20	72.68	58km NNE of Visokoi Island, South Georgia and the South Sandwich Islands	56.2° S/26.89° W	

Source: Earthquakes

# **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long		
$\diamond$	ZAVODOVSKI	01-Dec-1918 00:00:00	2.00	ANTARCTICA	56.3° S/27.56° W		
$\diamond$	CANDLEMAS ISLAND	06-Nov-1911 00:00:00	2.00	ANTARCTICA	57.08° S/26.71° W		
$\diamond$	MICHAEL, MOUNT	29-Dec-1819 00:00:00	2.00	ANTARCTICA	57.78° S/26.45° W		

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
٩	ZAVODOVSKI	01-Nov-1908 00:00:00	1.00	ANTARCTICA	56.3° S/27.56° W
$\diamond$	ZAVODOVSKI	01-Sep-1830 00:00:00	1.00	ANTARCTICA	56.3° S/27.56° W

Source: Volcanoes

#### 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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