







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 |
|--|---|----------------------|-----------|------------|---|---------------------|
|  |  | 15-Nov-2018 20:16:43 | 6.3 | 10 | 111km E of Visokoi Island, South Georgia and the South Sandwich Islands | 56.78° S / 25.39° W |
|  |  | 15-Nov-2018 20:13:55 | 6.3 | 10 | 111km E of Visokoi Island, South Georgia and the South Sandwich Islands | 56.79° S / 25.39° W |
|  |  | 15-Nov-2018 17:11:45 | 5.4 | 10 | 97km E of Visokoi Island, South Georgia and the South Sandwich Islands | 56.83° S / 25.63° W |

Active Recent Tsunamis

| Event | Severity | Date (UTC) | Name | Lat/Long |
|--|---|----------------------|---|-------------------|
|  |  | 15-Nov-2018 20:16:42 | Tsunami (Caribbean Sea) - South Sandwich Islands Region - 6.9 | 56.9° S / 25.8° W |

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.

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:

2011

Total: 0

Max Density: 0(ppl/km²)

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](#)

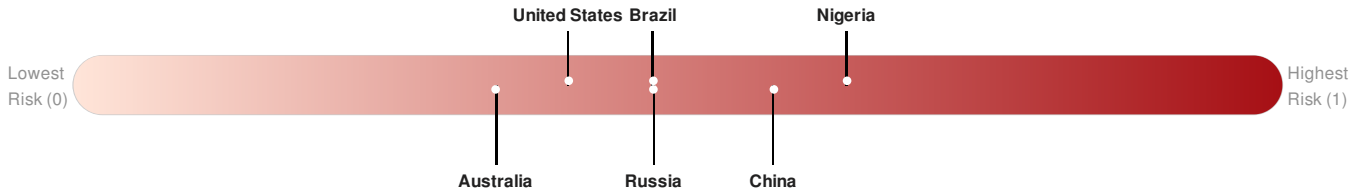
Risk & Vulnerability

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Multi Hazard Risk Index:

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

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

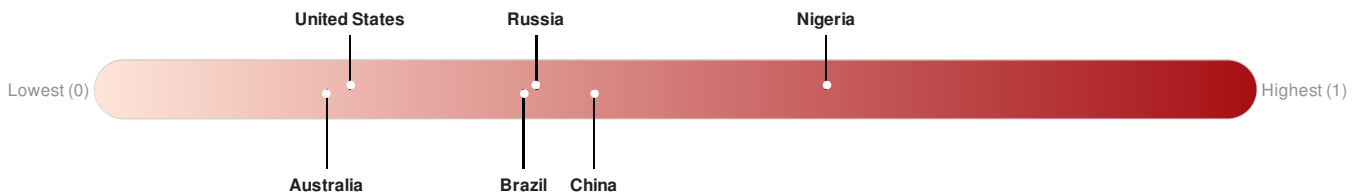


Source: [PDC](#)

Lack of Resilience Index:

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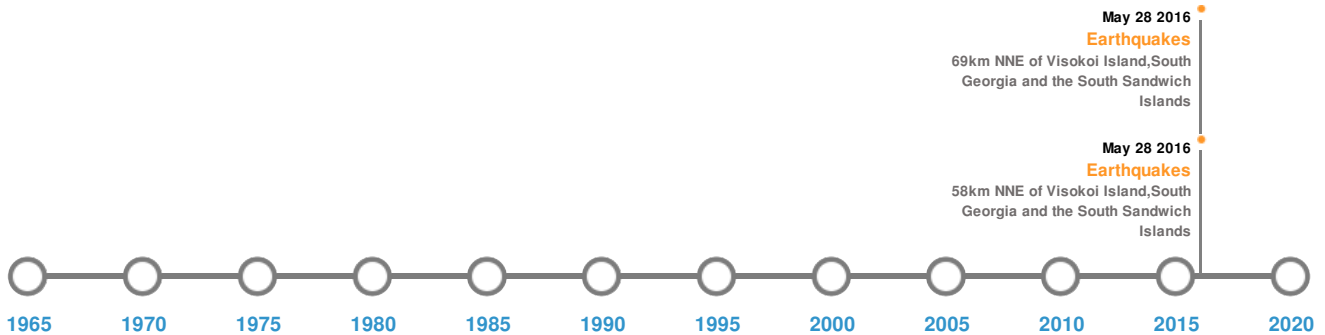


Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|--|--------------------|
|  | 08-Sep-1961 00:11:00 | 7.70 | 125 | SOUTH SANDWICH ISLANDS | 56.3° S / 27.1° W |
|  | 05-Sep-1961 00:00:00 | 7.70 | - | SOUTH SANDWICH ISLANDS | 58° S / 27° W |
|  | 01-Sep-1961 00:00:00 | 7.50 | 131 | SOUTH SANDWICH ISLANDS | 59.5° S / 27.3° W |
|  | 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 |
|  | 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 |
|---|----------------|----------------------|----------------------------|------------|---------------------|
|  | BRISTOL ISLAND | 19-Jan-1956 00:00:00 | 3.00 | ANTARCTICA | 59.03° S / 26.58° W |
| | BRISTOL ISLAND | 27-Mar-1950 00:00:00 | 2.00 | ANTARCTICA | 59.03° S / 26.58° W |

|  Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|--|------------------|----------------------|----------------------------|------------|---------------------|
|  | BRISTOL ISLAND | 01-Dec-1936 00:00:00 | 2.00 | ANTARCTICA | 59.03° S / 26.58° W |
|  | ZAVODOVSKI | 01-Dec-1918 00:00:00 | 2.00 | ANTARCTICA | 56.3° S / 27.56° W |
|  | CANDLEMAS ISLAND | 06-Nov-1911 00:00:00 | 2.00 | ANTARCTICA | 57.08° S / 26.71° W |

Source: [Volcanoes](#)

Disclosures

* As defined by the source ([Dartmouth Flood Observatory](#), 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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