	Pacific Disaster Center Area Brief: General	HONOLULU 21:15:35 27 Apr 2018	WASH.D.C. 03:15:35 28 Apr 2018	SOUTH GEORGIA 05:15:35 28 Apr 2018	ZULU 07:15:35 28 Apr 2018	NAIROBI 10:15:35 28 Apr 2018	BANGKOK 14:15:35 28 Apr 2018
<u> </u>	Executive Summary	27 Apr 2010	20 Apr 2010	20 Apr 2010	20 Apr 2010	20 Apr 2010	20 Apr 2010

Region Selected » Lower Left Latitude/Longitude: -59.4498 N°, -29.6193 E° Upper Right Latitude/Longitude: -53.4498 N°, -23.6193 E°



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	22-Apr-2018 11:11:52	5	49.01	45km NE of Visokoi Island, South Georgia and the South Sandwich Islands	56.45° S/26.62° 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.



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Population Data:

Populated Areas:

No significant land or population areas exist within the current map extent.

Total: 0 Max Density: 0(ppl/km²)

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

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:

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

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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	
	05-Sep-1961 00:00:00	7.70	-	SOUTH SANDWICH ISLANDS	58° S/27° 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	
٩	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
٩	ZAVODOVSKI	01-Dec-1918 00:00:00	2.00	ANTARCTICA	56.3° S/27.56° W
٩	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 (<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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