

South Sandwich Islands - Volcanic Activity - Ash

Just as a matter of interest, with the current high media profile of volcanic ash vs the aeronautical industry – (and the USGS chart outside the library) :

This is a photo taken of the erupting Mt Belinda on Montague Island - South Sandwich group - September **2005** :



Image ex **ASTER** (Advanced Spaceborne Thermal Emission and Reflection Radiometer) – flying on NASA's **TERRA** satellite

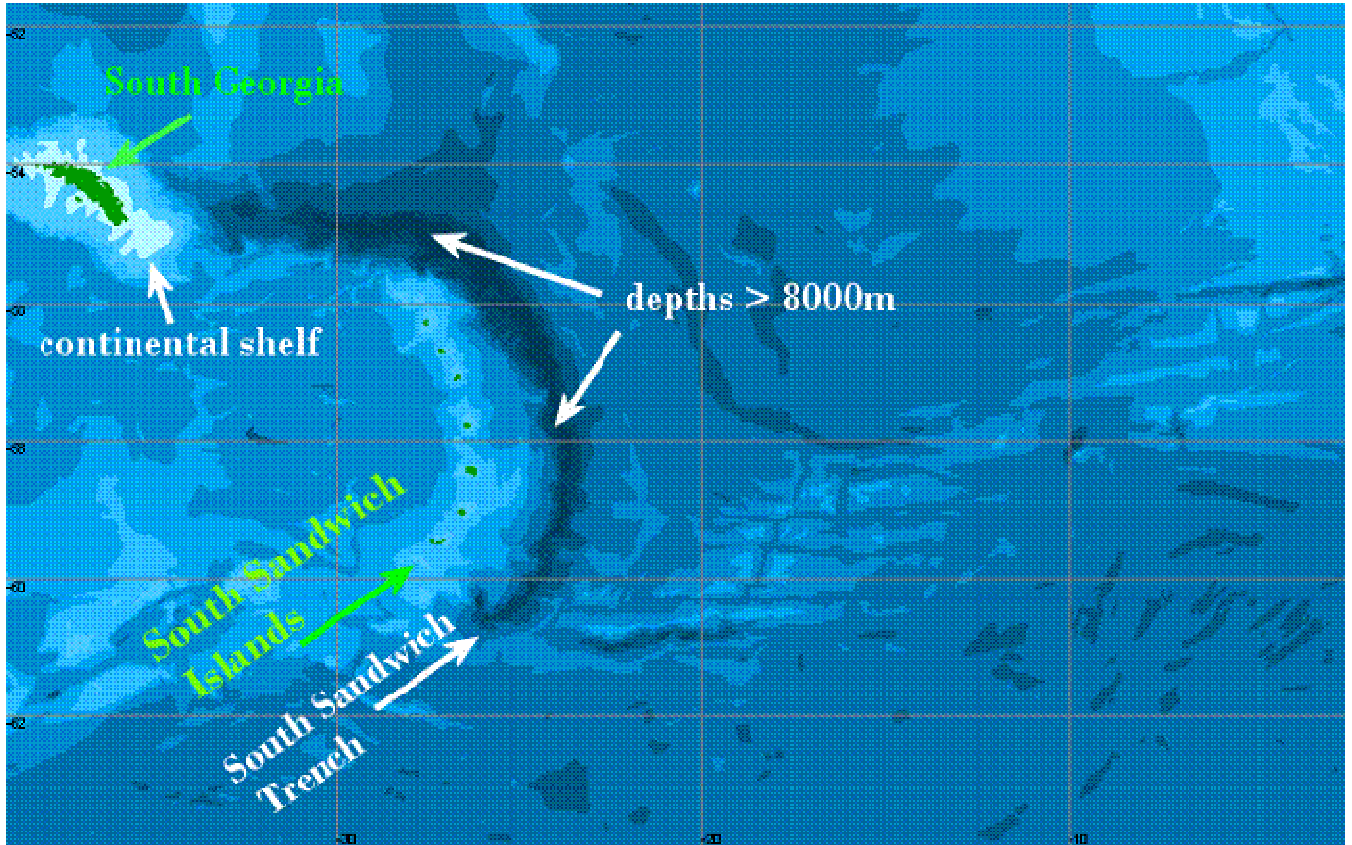
(The existence of the above event does not show up on the library's USGS chart as the chart only includes eruptions up until 1999).

In fact our own *SA Agulhas* sailed passed this volcano the following January. BAS were very keen to get some low level aerial photos but unfortunately the '*Agulhas*' does not carry choppers during its buoy deployment voyage. However here is a photo taken from the ship :



Below is a map depicting the South Sandwich group. All the islands in the group have 'active' volcanoes.

SAWS used to maintain very useful AWS on the southernmost island (South Thule) - until recently.
Many years ago even on the northernmost island (Zavodovski),.
Also on Bouvet Is (to the east of the archipelago). This island is also volcanically 'active')



Finally, this is a photo provided by BAS after things had largely cooled down on Montague :



Of course there aren't too many aircraft flying around in these parts....

Rgds – Ian

Ian Hunter

Prediction Research

South African Weather Service