

# IGETS Station Report – Sutherland, South Africa



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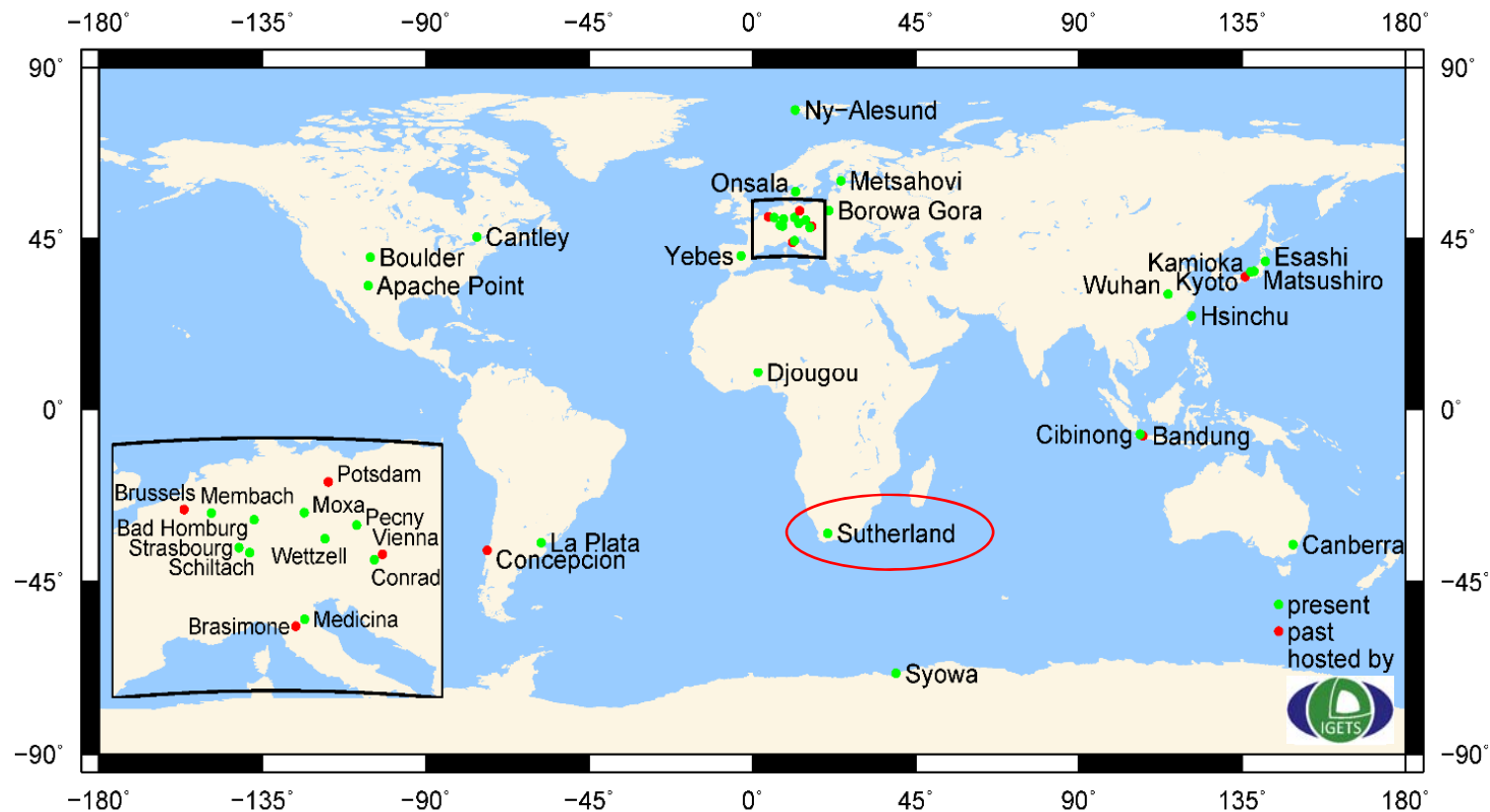
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IGETS Business Meeting at the  
European Geosciences Union General Assembly  
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# IGETS Stations

IGETS data base containing data from 35 stations



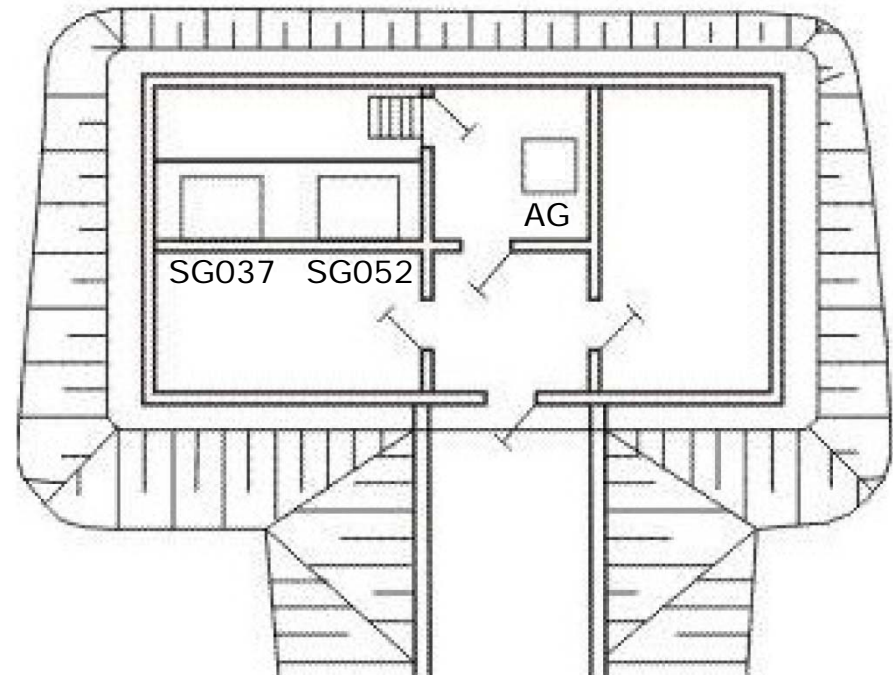
# South African Geodynamic Observatory Sutherland (SAGOS)



Climate	semiarid
Annual precipitation	300 mm
Shortest distance to ocean	220 km
Height above MSL Cape Town	1755 m



# South African Geodynamic Observatory Sutherland (SAGOS)





# Superconducting Gravimeters

Year	SG037 (dual sphere)	SG052 (single sphere)	FG5 (various)
2000			
2001			X
2002			
2003			
2004			X
2005			
2006			X
2007			
2008			
2009			
2010			
2011			X
2012			X
2013			
2014			
2015			X
2016			
2017			



# IGETS Data Base

Level	Files	Content
1	GGP	1 min gravity and pressure data (since 2016-01 also 1 sec data).
1	STATLOG	Major problems and changes regarding instrument and stations.
1	CAL	One calibration file according to IGETS conventions
2	GGP	1 min gravity and pressure data by University of French Polynesia

*AUX: Auxiliary meteorological and hydrological data not provided – but available on request.*

+ DOI assignment for Level 1 data:

Förste, C., Voigt, C., Abe, M., Kroner, C., Neumeyer, J., Pflug, H., Fourie, P. (2016)  
Superconducting Gravimeter Data from Sutherland – Level 1. GFZ Data Services.  
<http://doi.org/10.5880/igets.su.l1.001>

# Plans

SG052 to be moved to the top of Mountain Zugspitze

Environmental Research  
Station **Schneefernerhaus**  
(<http://schneefernerhaus.de/en>)

