

The IS35 and AS067 IMS Infrasound and Auxiliary Seismic Station in Tsumeb, Namibia

The IMS IS35 infrasound station located in Tsumeb, Namibia is managed by the Geophysics Division of the Geological Survey of Namibia. Located at the Geophysical Research Station in the northern part of Namibia 16km east of Tsumeb, an established mining town, the station is locally managed by a Chief Geotechnician assisted by a geotechnician. Conditions are wet in the summer months and extremely dry in the winter months presenting various natural hazards. The station is also 70km from one of Africa's best known wildlife parks known as Etosha National Park. Although the station is primarily an Infrasound station, the USGS has an auxiliary seismic station, AS067, also managed by the Geophysics Division with support from the USGS. Additionally, the station is also home to a long term neutron flux experiment and serves as a magnetic reference station. Although the station is in a remote area, it still provides an excellent venue with its infrastructure for regional capacity building programs as well as driving public awareness on the Comprehensive Nuclear Test-Ban Treaty. This poster will illustrate in particular detail the various activities and geophysical experiments located at the Tsumeb Geophysical Research station.

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