

performance and data quality of Infrasound station IS32 post major upgrade

The Infrasound Station IS32, herein referred to as “the station”, is located about 10 km to the NNE of the city of Nairobi within Karura forest in Kenya. The thick forest canopy offers an excellent environment for the station by significantly minimizing cultural noise. In July-August 2019, the station underwent a major upgrade at all the seven element array sites and the Central facility (CF) involving installation of: - (i) 18 m of IMS standard stainless steel WNRS, (ii) MB3a microbarometers connected to the WNRS, (iii) MB2000 reference microbarometer connected to a single inlet port, (iv) Digitizer cables and integration boxes, (v) digital unit for the MET station, and (vi) upgrade of the processing computer from nmx to SSI. Additionally, passive calibration of the sensors was undertaken in accordance with WGB-43 request. During the infrasound technology workshop, we present data depicting the performance of the Infrasound station I32KE post-upgrade.

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