

Brief Summary on Congo Magnetic stations

The DR Congo has installed geomagnetic stations on the following sites:

1. Binza:

4°22'S; 15°16' E

This station has an underground vault 8m deep that has kept in good condition as shown in the figure attached below. Indeed, the set of variometers are no more operated due to the photo recording system that is obsolete.

Data from 1956 through 1980 are partially available.



Fig1.: Outside view of Binza magnetic vault entrance.

Below: The waydown to vault



Fig2: Inside view of Binza magnetic vault: stairing down to the vault (up); inside the variometers room(down).

2. Ruampara

$1^{\circ}32'N$; $30^{\circ}11'E$

The Ruampara/Bunia magnetic station has operated from 1956 though 1985. The magnetic vault is similar to that of Binza station. The data of collected are partially available in Binza while the magnetometers are still kept in Bunia.

3. Karavia(Lubumbashi)

11°39'S;24°1'E

The Karavia magnetic station has been operated from 1932 through 1975.

Data for this period are partially available.

The magnetic vault is well kept.

4. Lwiro (Bukavu)

2°12'; 28°48'E

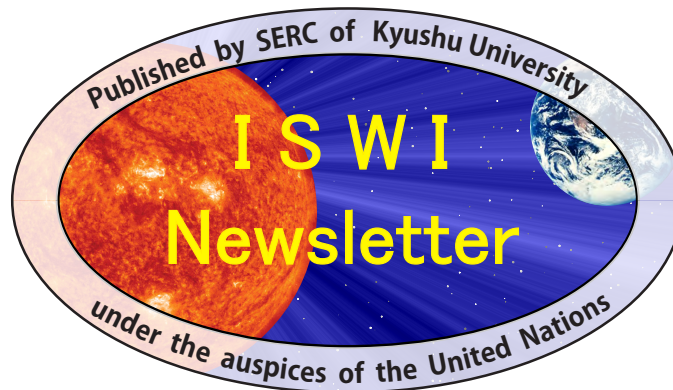
The Lwiro station operated from 1956 through 1980. The magnetic vault is 3m deep, but has better temperature conditions than other Congo observatories due to gentle climatic conditions with mean annual temperature about 20°C.

The data of operating period are available.

The four observatories can be operated by our institute if magnetometers are provided.

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