
Skywatches and the GMC-500 geiger counter -

1 message

fran ridge <franridge42@gmail.com>

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To: MADAR Network <madar-network@googlegroups.com>

If a skywatch team has two or more of these geiger counters (in our case we have some two-man teams spread across southern Illinois and southern Indiana), they will have their hands full. These hand-held dosimeters can be placed in the open end of a hatchback or a table, but our team can get by with one device running. Then with a cell phone and a headset, that leaves the team-members handsfree, using their night vision to capture any anomalous target.

Each team should be aware of what their local "background" radiation is for the area. Ours has been around 15 cpm, but others have higher readings such as 22 cpm. Whatever it is, set the threshold for twice that just to be safe. You might get an alarm which will be a good test and I would certainly suggest looking around with the night vision. Nowadays a significant reading (thanks to the Fukushima earthquake and damage to the reactor in 2011) that standard had to be increased to 2.5 times the normal. The GQ company that builds the GMC-500 suggest readings of concern at 50 cpm and definite health issues at 100 cpm.

And just like the EMF-390, the 500 is a dosimeter and set to save during a skywatch it records gamma rays and X-rays during the entire period for scientific study.

Fran