

RADON MONITORING AT MODRA ASTRONOMICAL AND GEOPHYSICAL OBSERVATORY – THE RESULTS OF THE FIRST YEAR OF OBSERVATION

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ABSTRACT

Smetanová I., Holý K., Polášková A., Túnyi I. & Steinitz G.: **Radon monitoring at Modra Astronomical and Geophysical Observatory – the results of the first year of observation**

The continual measurements of ²²²Rn have been realised in the Modra AGO since August 2003. There are three boreholes situated V-1 and V-3 are 10 m deep, V-2 is 40 m deep. In V-3 and V-2 the α -detectors were placed for the investigations of ²²²Rn in the borehole air. The samples of water from all three boreholes were analyzed once a month and also the water level was measured. The ²²²Rn