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Castilla-La Mancha neutron monitor (CaLMa) status at April 2011

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This work presents the update of the CaLMa status of development. One year ago we started our first steps on developing a new neutron monitor to be installed at Guadalajara (Spain). This new station is designed to be integrated in the Neutron Monitor Data Base (NMDB), and measure an energy range around 6 GeV not covered yet by the NMDB. The readings from CalMa will enable us to conduct studies about solar and cosmic rays variability . The detector is based on 18 counter tubes, filled with BF3 . Six of them are standard well-known BP28 tubes from the Pic du Midi Observatoire and the others twelve are new ones (LND SK01479 model) with slight differences with the BP28 tubes, which response and behaviour is yet to be determined. We expect that CaLMa will be partially operative at the end of 2011 and completely operative at mid 2012.