

SOLAR UV RADIATION INFORMATION SYSTEM AT IMGW-PIB

Julita BISZCZUK-JAKUBOWSKA, Aleksander CURYŁO,
Bogumił KOIS, Grzegorz ZABŁOCKI

ABSTRACT *An information system on solar UV radiation was developed in the frame of research and development project realized at the Centre of Aerology IMGW-PIB. The system consists of:*

- *LED display presenting information on the forecasted and current UV Index for Legionowo.*

LED display was mounted in front of Centre of Aerology IMGW-PIB.

- *The system generating image files with information about the forecast and current UV Index displayed on the website <http://www.pogodynka.pl/indeksuv>*

The site offers products for the following cities: Łeba, Mikołajki, Legionowo, Katowice, Zakopane. Also, UV Index forecast is presented for the Polish territory in the form of two maps: for clear and cloudy sky. Additionally, UV educational materials are available on the website.

Keywords: *solar UV radiation*