



Iberonesia, brewer spectroradiometer network

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The Spanish Weather Service (Instituto Nacional de Meteorología; INM) has developed the “Iberonesia” network, an on-line database facility to manage and storage data from Brewer Spectrophotometers covering the Iberian peninsula and the Canary, Azores and Madeira archipelagos. Among other purposes, Iberonesia seeks to contribute to the World Ozone and Ultraviolet Radiation Data Centre (WOUDC), to be used as a facility system for ozone and UV climatology research and to support the Regional Brewer Calibration Center for Europe (RBCC-E) at Izaña Observatory. Iberonesia comprises eight INM Brewers, three Portugal’s Instituto de Meteorologia instruments and a further Brewer from the Spanish Instituto Nacional de Técnica Aeroespacial (INTA). Within “Iberonesia” a fully accessible database from www.iberonesia.com provides not only near-real time total column ozone and UV data from Brewers but also keeps track of most instrument parameters and calibrations. The network is able to issue warnings to every member Centre reporting abnormal parameter values after internal data checks and comparisons. Nearby Brewers, historical ozone series and daily values provided by TOMS are employed for quality control. In a near future, aerosol optical thickness data will also be implemented.