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**New Brewer measurements over Tamanrasset and comparison with Dobson**

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**Abstract:** In 2006, the Tamanrasset - Izana “GAW-Twining” Project was initiated

between ONM - Algeria and AEMET- Spain. In september 2006, the CIMEL station

was installed in the framework of AERONET/PHOTONS.

In 2011, a new project “GAW-Sahara” focused on Ozone and UV measurements will

reinforce the cooperation between the couple Tamanrasset - Assekrem and Izana

WMO GAW stations. Thus, the station is provided with a NILU multichannel

radiometer (moved to Assekrem) and a Brewer spectrophotometer # 201 in

cooperation with AECID (Spain) and WMO. So, Tamanrasset becomes one of the

places in the world for studying Brewer- Dobson (1994-now) differences highly

recommended by SAG-Ozone and a unique site for satellite validation over desert

environnement.

The poster shows some results of Brewer observations since october 2011 and

comparison with Dobson.