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EUBREWNET & WMO GAW   BREWER OPERATOR COURSE
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**An update on the performance of the Brewer Spectrophotometer in Ireland**

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Brewer Spectrophotometer measurements in Ireland are carried out at Valentia Geophysical and Meteorological Observatory which is a part of the Irish Meteorological Service and is located on the southwest coast of Ireland. The Brewer is the only one of its kind in the country, strategically placed for ozone, spectral UV and aerosol monitoring on the western edge of Europe. The Brewer instrument was installed at Valentia in 1993 and has been in continuous operation ever since.

The performance of the Brewer is very carefully scrutinised on a regular basis for changes that could affect the measurements, and best practices in testing and maintenance are systematically followed. As well as providing Brewer data to the WOUDC, we have been submitting data to the NDACC since 2008. Brewer data measured at Valentia is also used to supplement other programs at the observatory, including the quality control of ozone ascent data and the calculation of aerosol optical depth at the WORCC.