

File Revision Date:

September 25, 2019

Data Set Description:

PI: Michael Gill

Instrument: Brewer #088

Site(s): Valentia Observatory

Measurement Quantities: Total Ozone Column (TOC)

Contact Information:

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Reference Articles:

Instrument Description:

Brewer MkIV #088

Algorithm Description:

Original Brewer algorithm as described in manual for Direct Sun observations

Zenith Sky observations are reported only on days with no Direct Sun observations

Expected Precision/Accuracy of Instrument:

Same or better than Dobson Instrument

6 dobson units for Direct Sun observations

9 dobson units for Zenith Sky observations

Instrument History:

Installed in 1993 by IOS.

Calibrations by IOS in 1994, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016 & 2018.