

The SBUV ozone profiles have been intensively validated against multiple satellite and ground-based profile measurements. In the stratosphere between 25 and 1 hPa the mean biases and standard deviations are within 5% for monthly mean ozone profiles. Though the SBUV algorithm has a coarser vertical resolution in the lower The validation of SBUV total ozone retrievals versus ground based Dobson/Brewer observations demonstrated an