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Ozone and spectroradiometric UV changes in the past 20 years at high latitudes

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Trends in solar UV irradiances at 305nm and 325nm have been analysed over selected sites located at high latitudes of both hemispheres. Site selection was restricted to the availability of the most complete UV spectroradiometric data sets in the past twenty years or so (1990–2011). Differences in trends of UV solar irradiances between northern and southern high latitudes are discussed in the context of long term ozone and other environmental parameters affecting UV variability at ground level.