

# **Odin/OSIRIS Measurements of Stratospheric NO<sub>2</sub>, 2001-2006**

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The Optical Spectrograph and InfraRed Imager System (OSIRIS) onboard the Odin spacecraft has been in operation since 2001. OSIRIS measures limb-scattered sunlight in the UV/visible region to retrieve information on stratospheric minor species, including ozone and nitrogen dioxide. Stratospheric NO<sub>2</sub> profiles are produced over the 10-46 km region with approximately summer hemispheric coverage (up to 82° latitude) at a vertical resolution of about 2 km. Validation studies have concluded that the accuracy of the NO<sub>2</sub> profiles is 10-15% with no significant biases. An overview and key features of the OSIRIS NO<sub>2</sub> dataset will be presented.