



Mars observations by OMEGA/Mex during the dust event of 2018

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The OMEGA imaging spectrometer on board the ESA/Mars Express mission has acquired regular hyperspectral images of the surface and the atmosphere of Mars in nadir and limb modes.

OMEGA measurements gathered over more than 15 years offer an opportunity to explore the yearly variability of the Martian atmosphere, with sufficient time sampling or spatial coverage to put constraints on several aspects of the atmospheric dynamic. OMEGA still provides unique aerosols compositional characterization capabilities that enable detailed analyses of clouds and other poorly known high altitude aerosols layers.

We shall present an overview of results acquired during the dust event of 2018 in nadir and limb modes, and discuss them in comparison to the dust event of 2007.