

Dust Observations at Mars

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The Mars Atmosphere and Volatile Evolution mission has been in orbit around Mars for about 2 years now. It is dedicated to observing the upper atmosphere of Mars and has a full plasma and neutral instrument suite for the task. Using the electric field instrument, dust impacts on the spacecraft have been measured and reported using the first ~8 months of data. In this presentation the latest up to date dust statistics will be presented and the effects of these dust hits on the spacecraft and the other particle instruments are discussed. With the complete set of particle instruments MAVEN has the possibility to provide new insights in to the effects of dust hits on multiple instruments.