

MGS view of Martian magnetosphere

The solar wind's interaction with Mars has been studied for several decades. However, the scientific results from the Mars Global Surveyor (MGS) mission represented a very significant step forward in our understanding in this subject. Missions since MGS, including missions currently under development such as MAVEN, have built on MGS' results. In this presentation, I briefly discuss the historical context of MGS' results regarding the induced Martian magnetosphere. I then highlight the major scientific results from the MGS observations and showcase ongoing investigations using MGS data.