

Thursday, March 17, 2005
POSTER SESSION II: MARS: MARSCCELLANEOUS
7:00 p.m. Fitness Center

Lillis R. J. Brain D. A. Halekas J. S. Mitchell D. L. Lin R. P.

December 27th Magnetar Event Observations by Mars Global Surveyor [#2313]

The largest recorded gamma ray burst was seen at Earth on December 27, 2004. This event was recorded by the electron instrument on Mars Global Surveyor, lasted less than one second, and prompted an unusual ionospheric response 10–20 minutes later.

Litvak M. L. Mitrofanov I. G. Kozyrev A. S. Sanin A. B. Tretyakov V. I. Boynton W. V. Hamara D. Shinohara C. Saunders R. S.

Two Successive Martian Years on the Orbit: Similarities and Differences of CO₂ Seasonal Cycle from HEND/ODYSSEY Data [#1653]

The main goal of the study is comparison between similarities and differences of two successive CO₂ cycles observed during several years by orbital neutron spectrometer HEND installed onboard Mars Odyssey mission.