

[811]

PRINT ONLY: INNER SOLAR SYSTEM

Dashkiev G. N. Vidmachenko A. P. Steklov A. F. Steklov E. A. Nevodovskiy P. V.

[*Registration of Traces of Electrophonic Fireballs in the "Unified Churyumov Network"*](#) [#1107]

During daily and twilight observations of traces of all types of dangerous intrusions, we registered electrophone fireballs much more often than at night.

Feoktistova E. A. Zharkova A. Yu. Pugacheva S. G. Shevchenko V. V.

[*The Thermal Stability of Some Volatile Substances in the Mercury's South Pole Region*](#) [#1509]

We used data from DEM to calculate the thermal and lighting conditions in some craters that contain radar areas in the southern polar region of Mercury.

Lewang A. M. Hiesinger H. Bernhardt H. Galluzzi V. Guzzetta L. et al.

[*Preliminary Geologic Map of the Beethoven Basin, Mercury*](#) [#1846]

Establishing a detailed map of the basin with new insights from MDIS data as part of a global 1:3M map of Mercury.

Singh R. Arya A. S. Chauhan P.

[*Lee Wave Clouds in the Mars Colour Camera \(MCC\) Images: Wind Speed Measurements*](#) [#1449]

Wind speed has been derived from Lee Wave cloud using data obtained by Mars Colour Camera (MCC)-Mars Orbiter Mission (MOM) images.

Singh R. Panda S. Chauhan P.

[*Observations of Venus Cloud Top by Longwave Infrared Thermal Camera \(LIR\) On Board Akatsuki*](#) [#1477]

Observations of Venus cloud top by LIR on board Akatsuki are presented.

Zalcik M. S. Loehde F. C. Brausch J. Mardon A. A.

[*A Paucity of Noctilucent Clouds Over North America in the 1950s?*](#) [#1209]

Earth's upper atmospheric phenomenon of noctilucent clouds were widely observed in the Soviet Union in the 1950s, but rare in North America.