

OBSERVATION OF MARS DURING GREAT OPPOSITION IN 2003

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This article presents the results of the planet Mars imaging during the great perihelion opposition in 2003. Imaging was performed from several locations in Serbia (Bački Petrovac, Bačko Gradište, Belgrade Astronomical Observatory, Petnica Science Center Valjevo and Novi Sad), as well as from Astronomical Observatory Rimavska Sobota, Slovakia. The observations are from the period between June 16th and October 24th 2003. Various telescopes and imaging cameras have been used to accomplish this task.

The recession of Martian South Polar Cap is analyzed in relation to areocentric longitude of the Sun. The best images were sent to the Mars Watch 2003 Internet site.