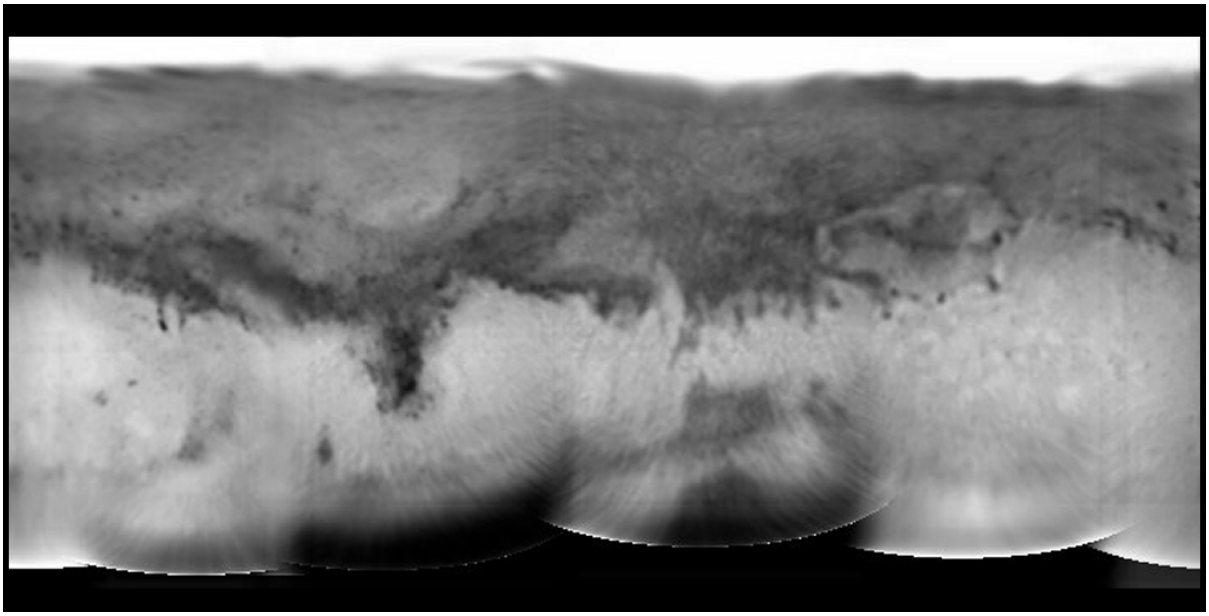
EPSC Abstracts,
Vol. 3, EPSC2008-A-00586, 2008
European Planetary Science Congress, © Author(s) 2008

Changes on the martian surface during the oppositions 2003, 2005 and 2007

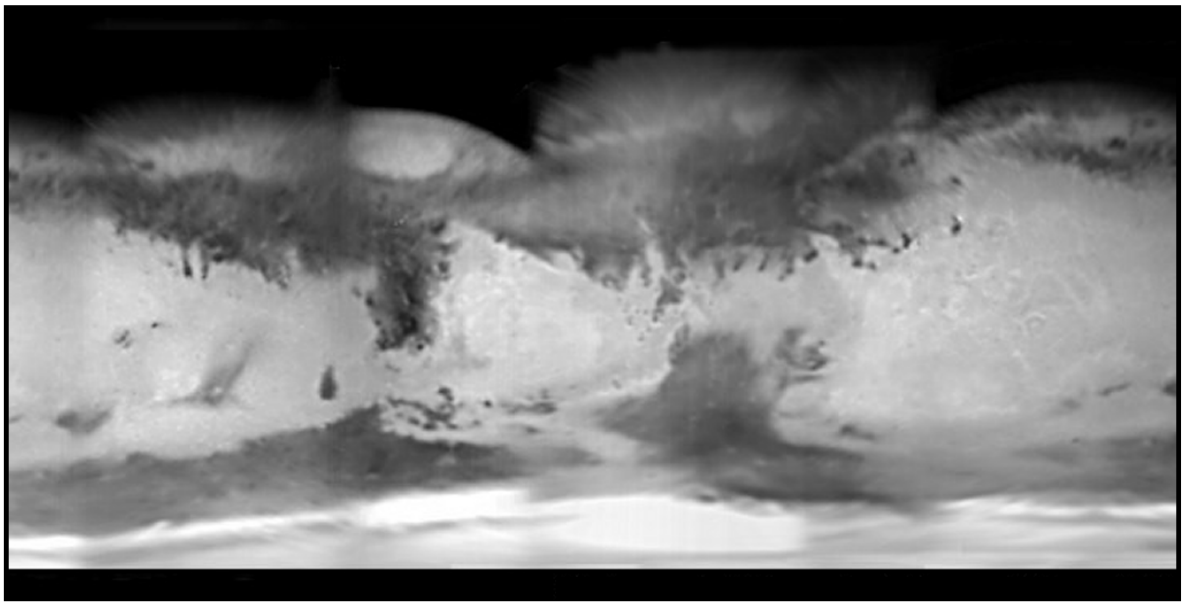
On the first view the dark structures on the martian surface seems to be very static in small telescopes. But detailed comparisons show clear changes, which are visible with amateur - equipment.

Only every 2 years the planet Mars is in oposition. For a few weeks the diameter is huge enough for detailed groundbased observations. Some images from 2003, 2005 and 2007 will be presented and compared with HST-images from 1995.

Map made with images from Namibia/Chile 2003 with amateur-equipment by the author:



Map created by the author, partially based on images from HST (1995), courtesy ESA/NASA:



Bernd Gährken
Volkssternwarte München / Public Observatory Munich
Am Holzbach 41
33378 Rheda-Wd.
Germany

e-mail: bgaehrken@web.de
homepage: www.astrode.de