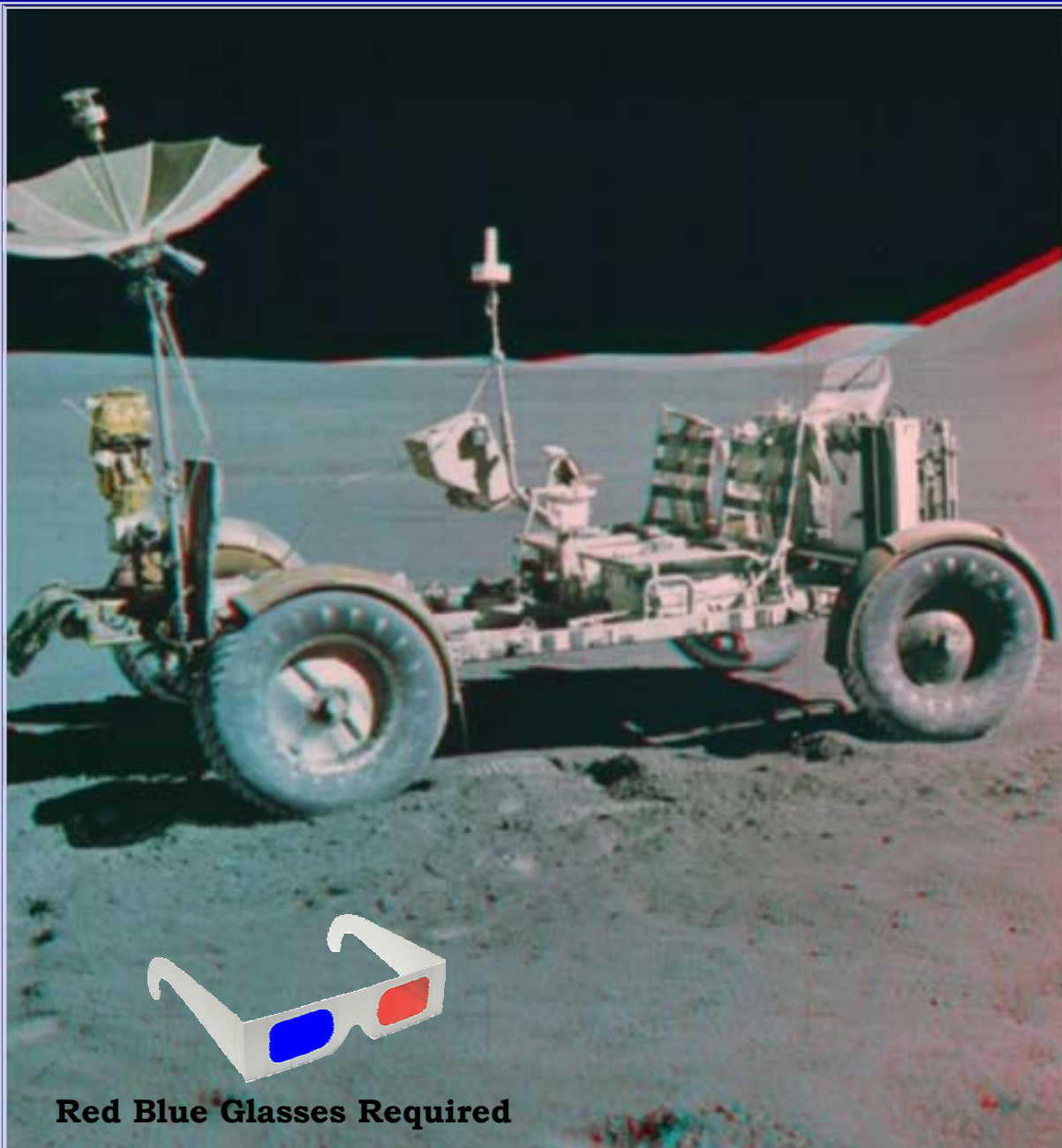


STARSCAN

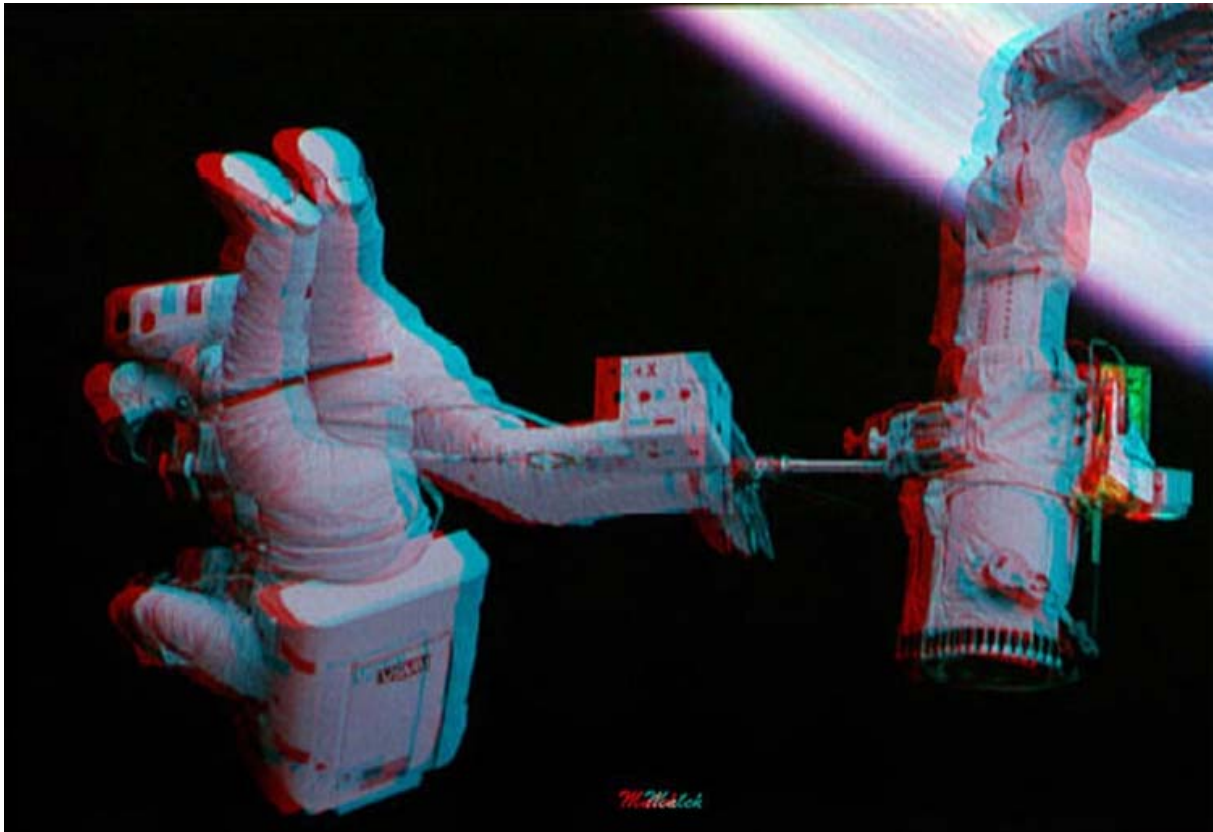
*Johnson Space Center
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Winter Solstice Edition

DECEMBER 2005

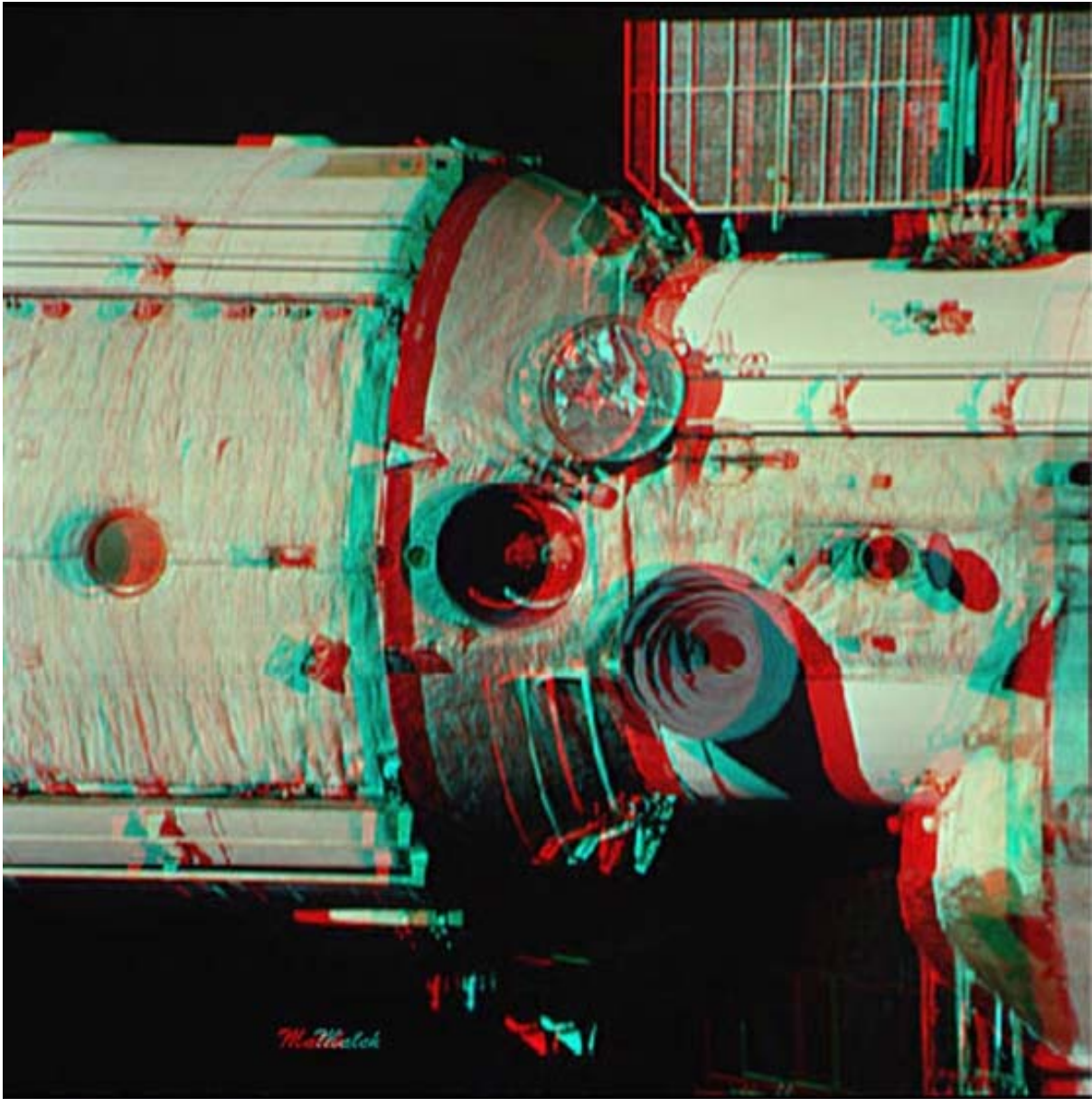


Red Blue Glasses Required



Astronaut Bernard A. Harris, Jr., payload commander, standing on a foot restraint attached to the Remote Manipulator System (RMS) arm carries astronaut C. Michael Foale, mission specialist, during their shared extravehicular activity (EVA) in the Space Shuttle Discovery's cargo bay.

Credit: NASA

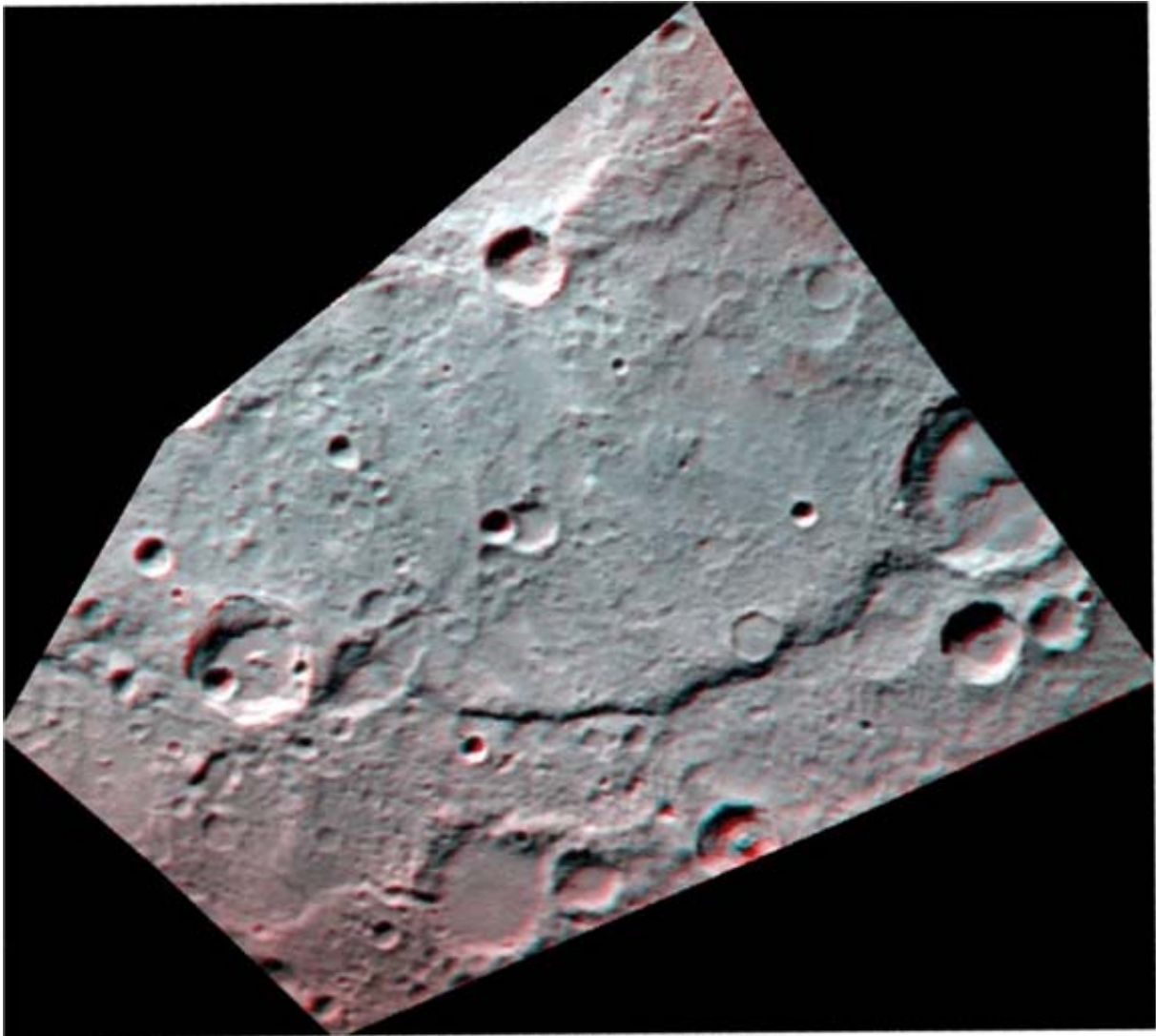


Cosmonaut Valeriy V. Polyakov, who boarded Russia's Mir space station on January 8, 1994, looks out Mir's window during rendezvous operations with with Space Shuttle Discovery.

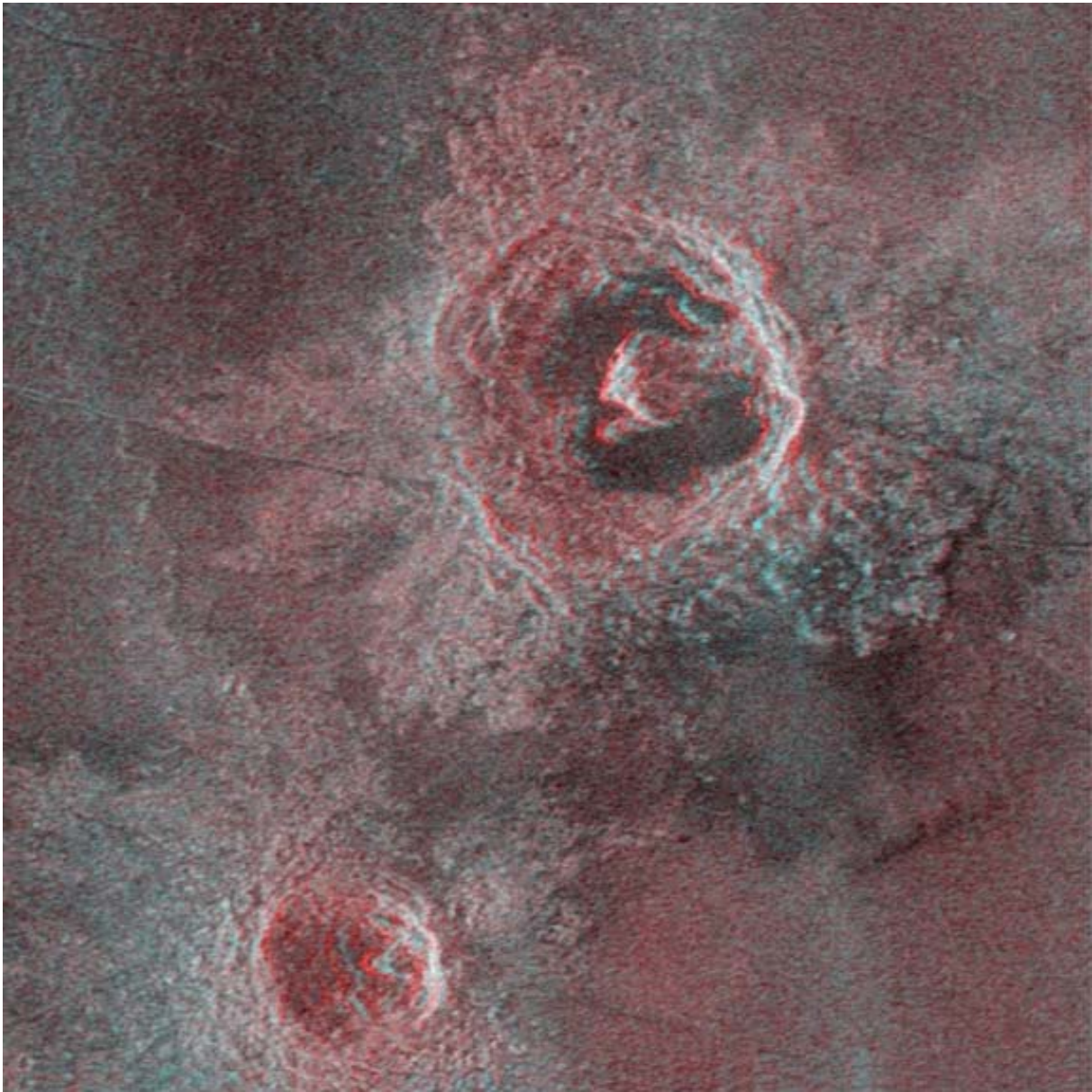
Credit: NASA



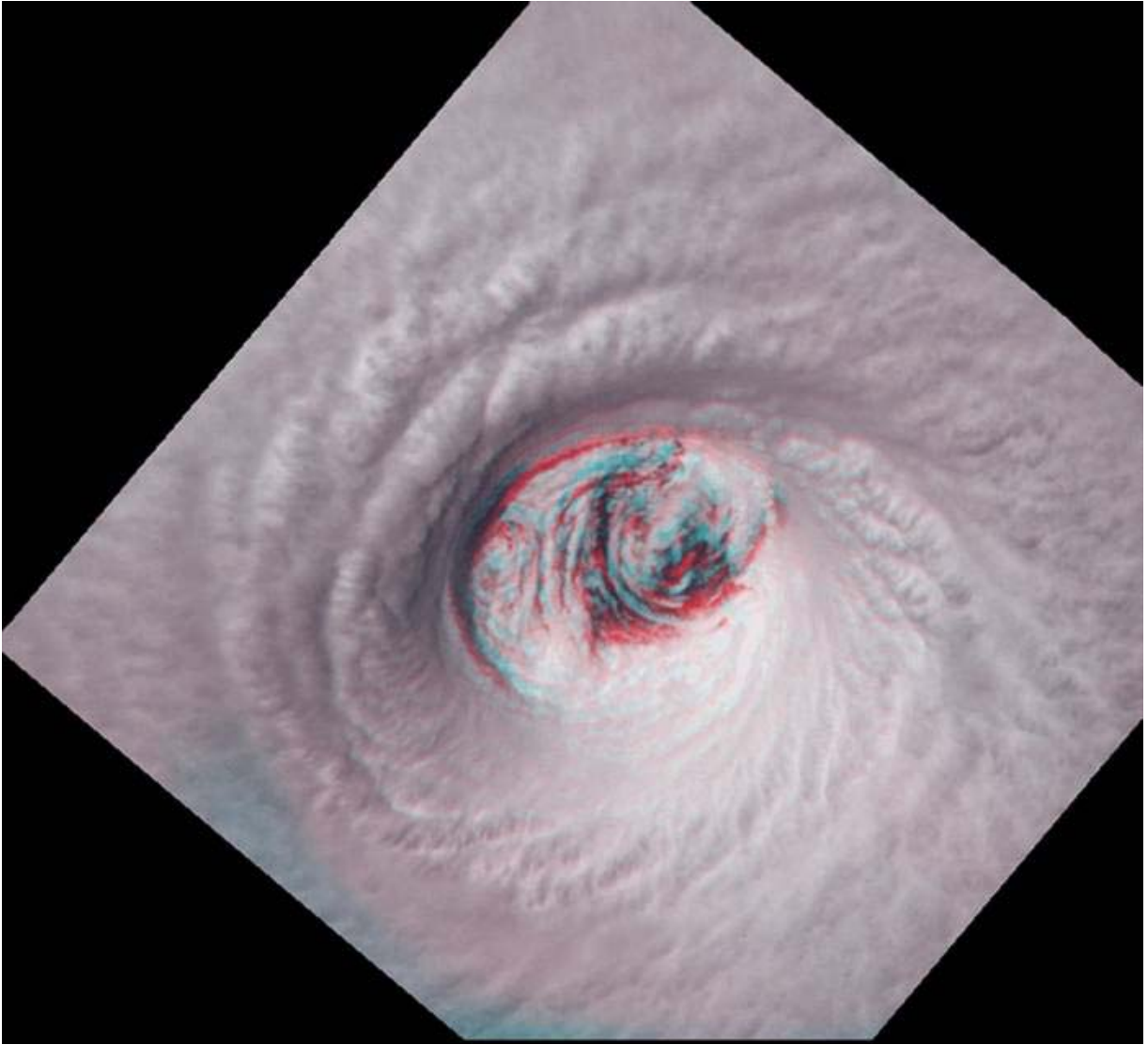
**Artist's concept of the Apollo-Soyuz docking
in earth's orbit. Credit: [http://
www.mcs.csu Hayward.edu/~malek/Space/
Spacecraft/Soyuz.html](http://www.mcs.csu Hayward.edu/~malek/Space/Spacecraft/Soyuz.html)**



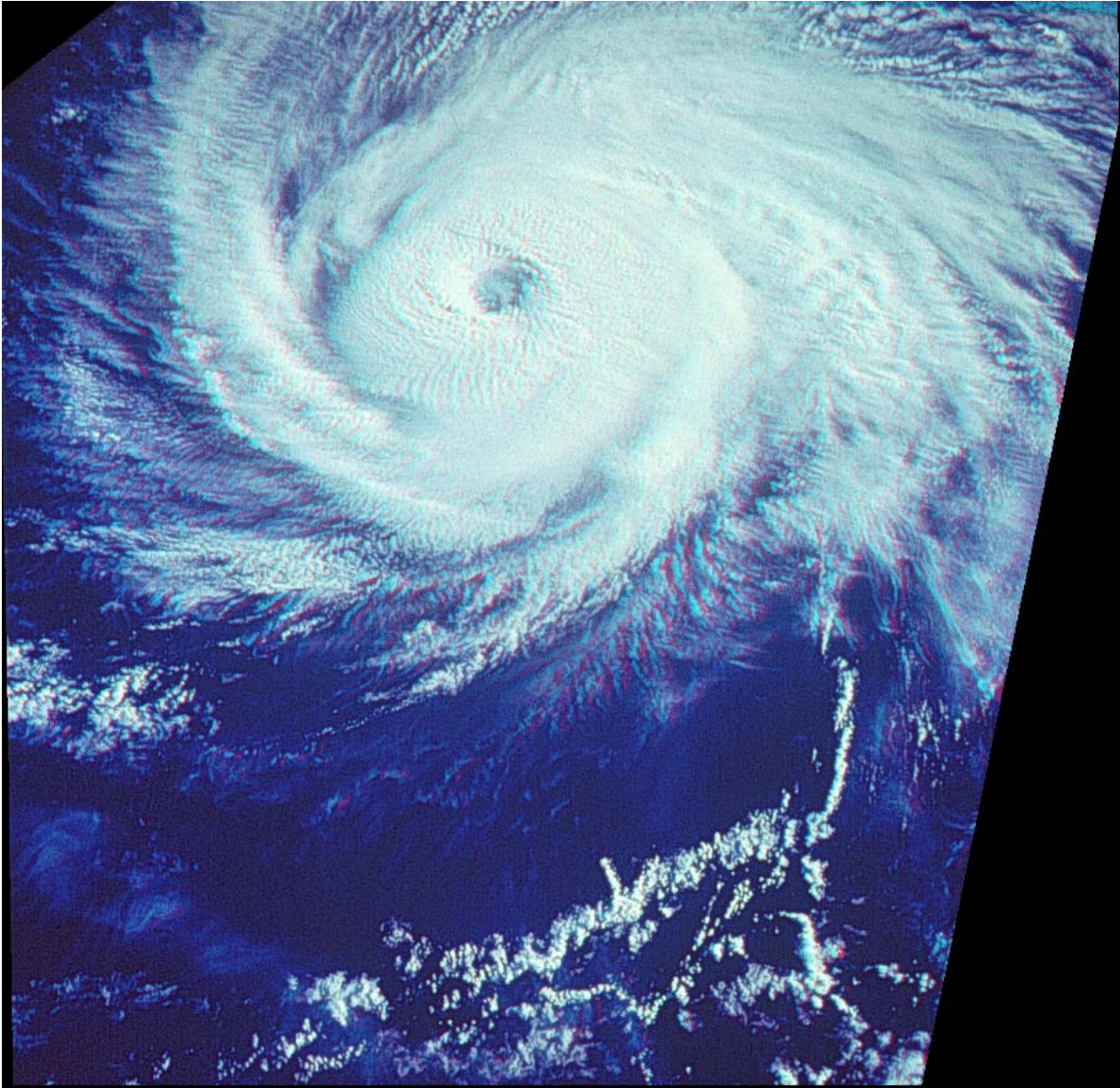
Mercury: Discovery Rupes
Credit: Mariner 10, NASA



Venus: Kaikilani Nsomeka Planitia
Credit: Magellan, NASA



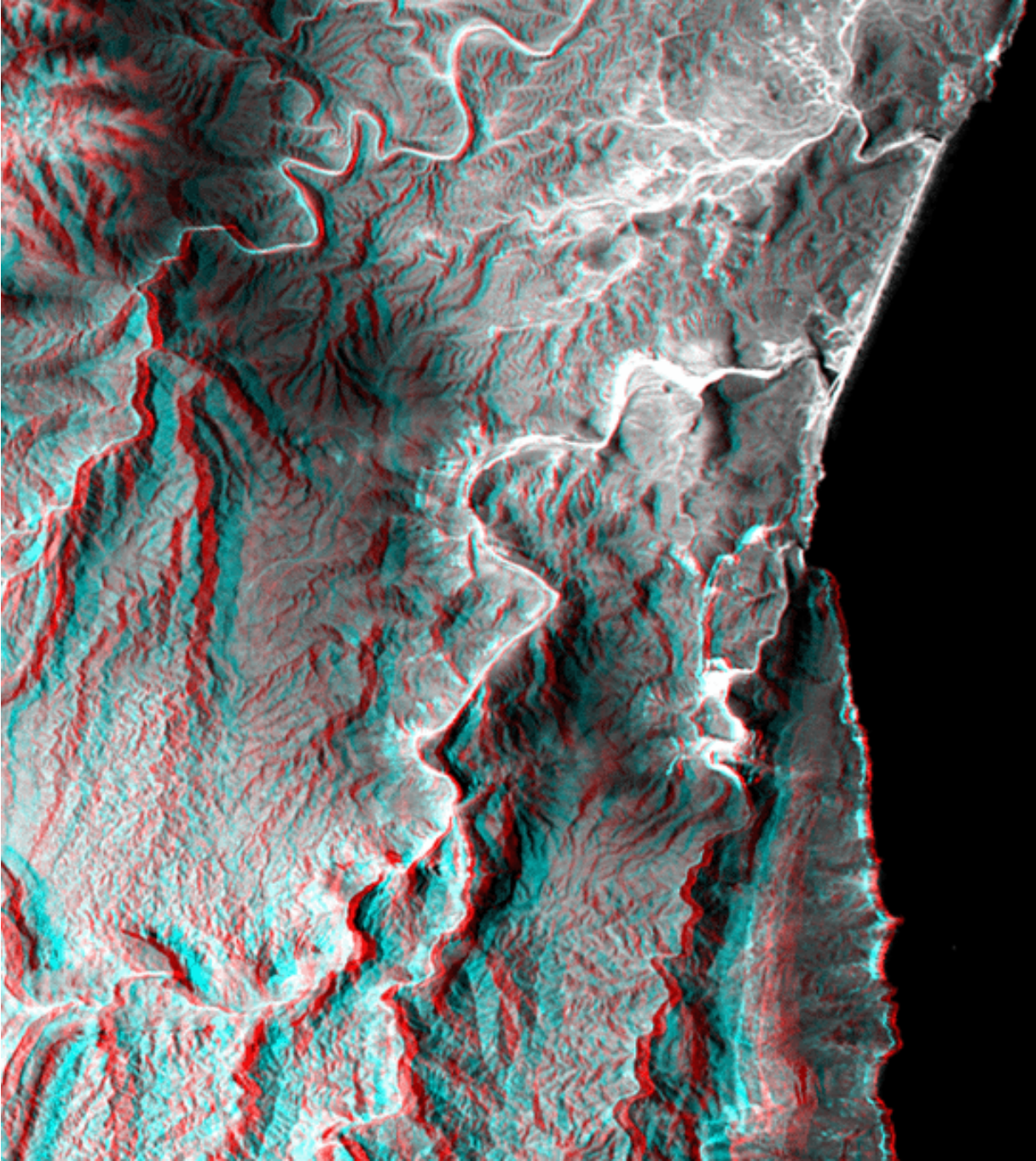
Earth: Eye, Typhoon Emilia Western Pacific
Credit: STS-65, NASA



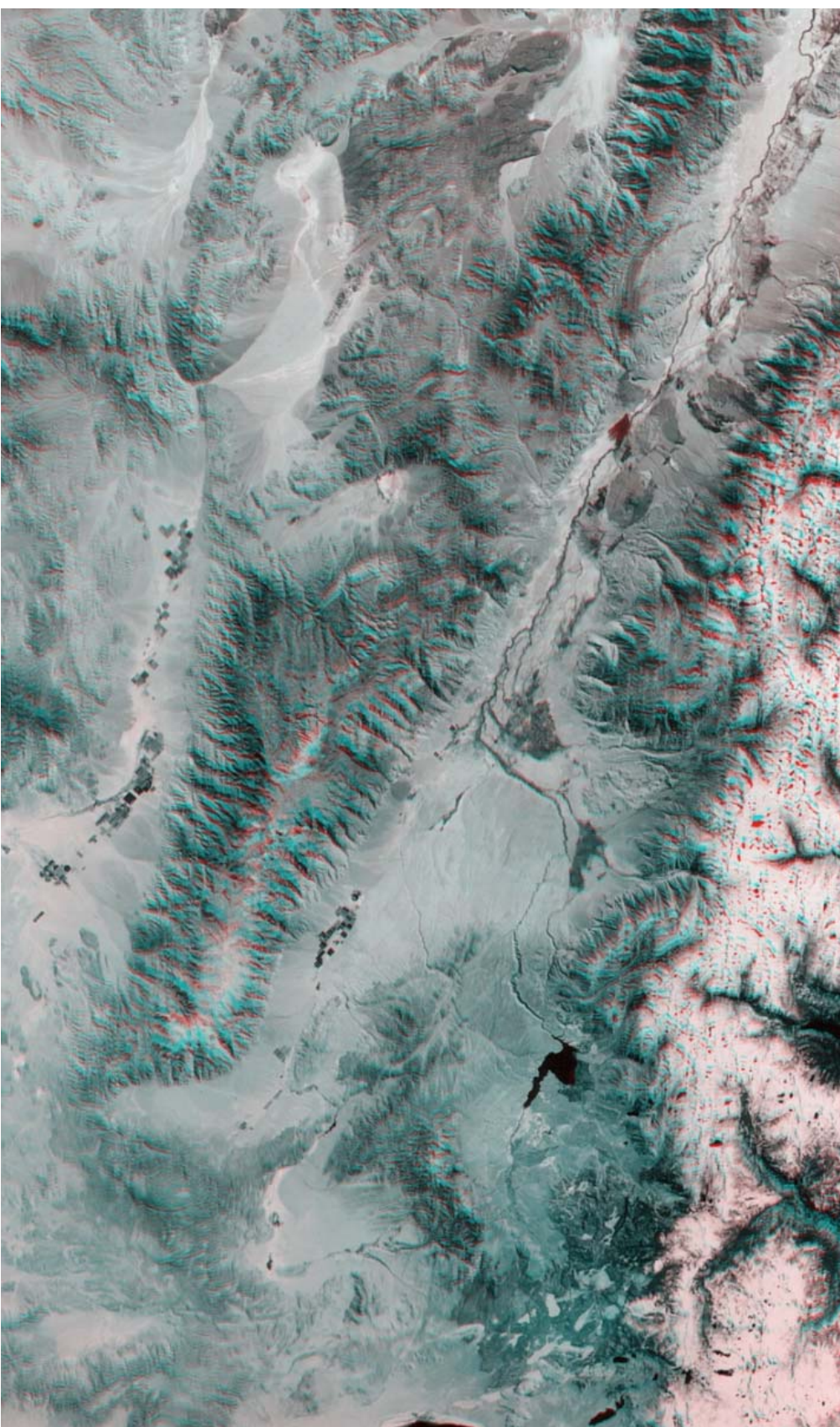
**Earth: Typhoon Odessa Western Pacific
Ocean
Credit: STS 51I, NASA**



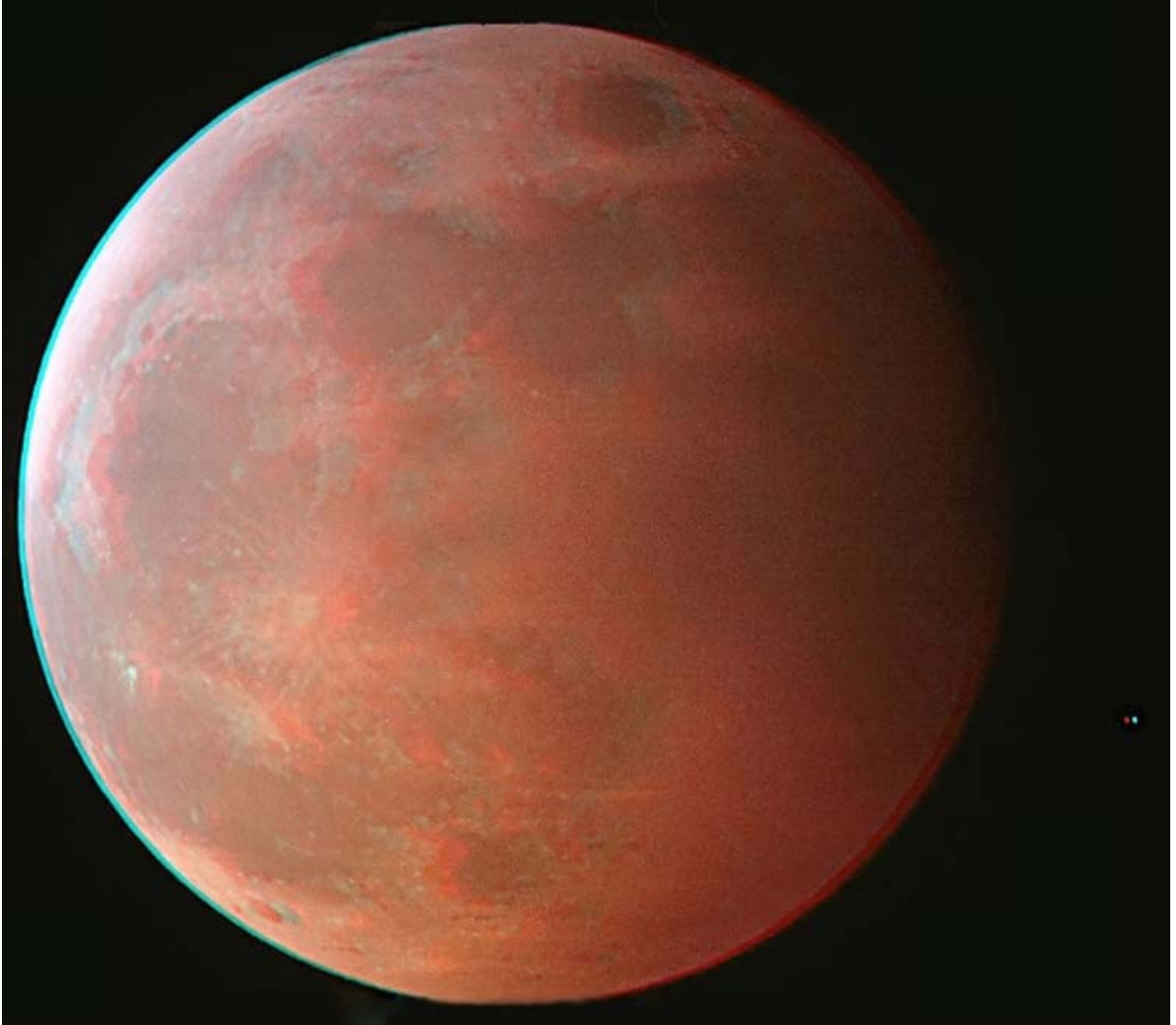
Earth: Meteor Crater Arizona
Credit LPI



Earth: Southernmost Coastal Oman
Credit: Landsat overlay, NASA/JPL/NIMA



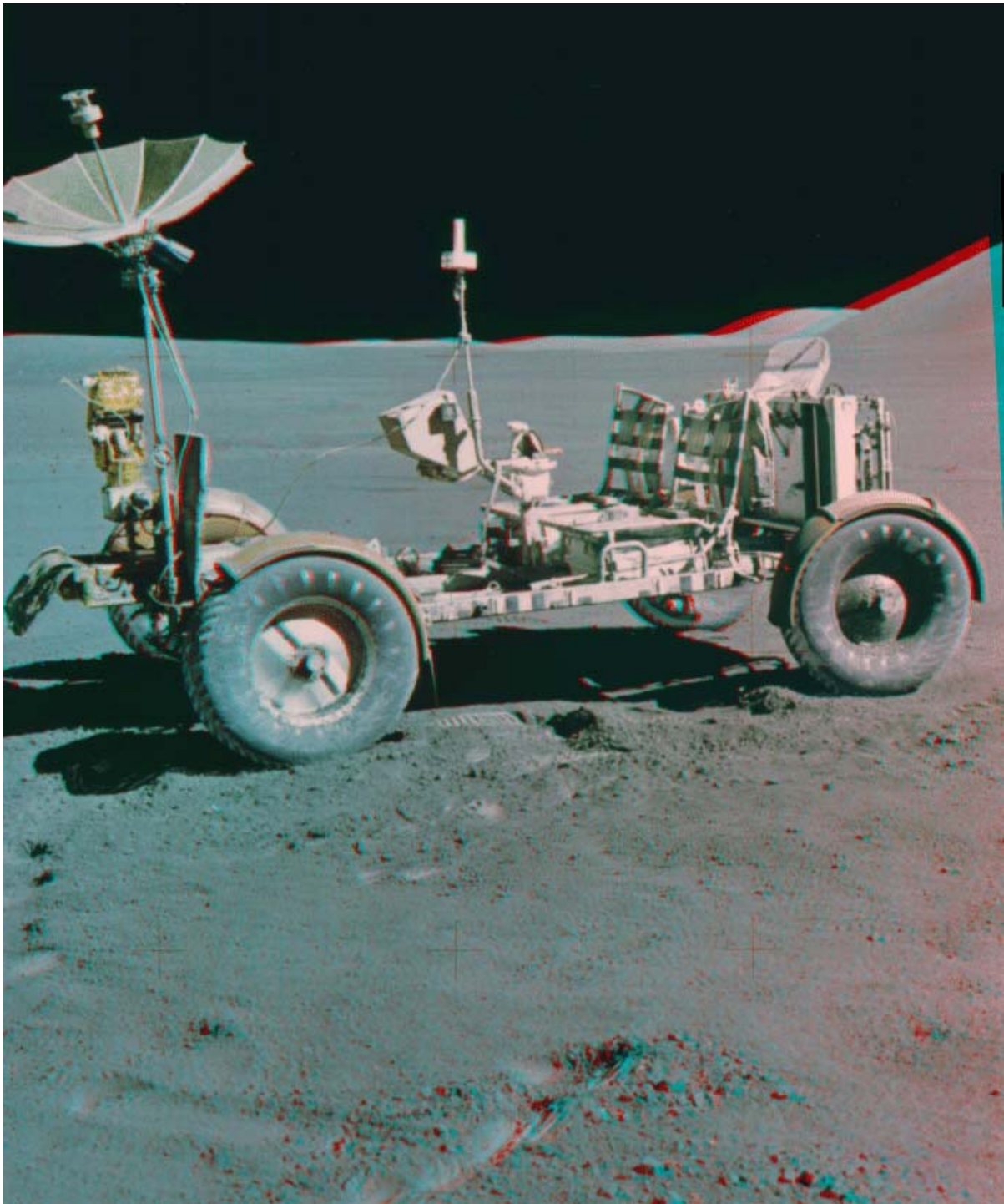
Earth: Owens Valley Area California and Nevada
Credit STS 41G, LPI



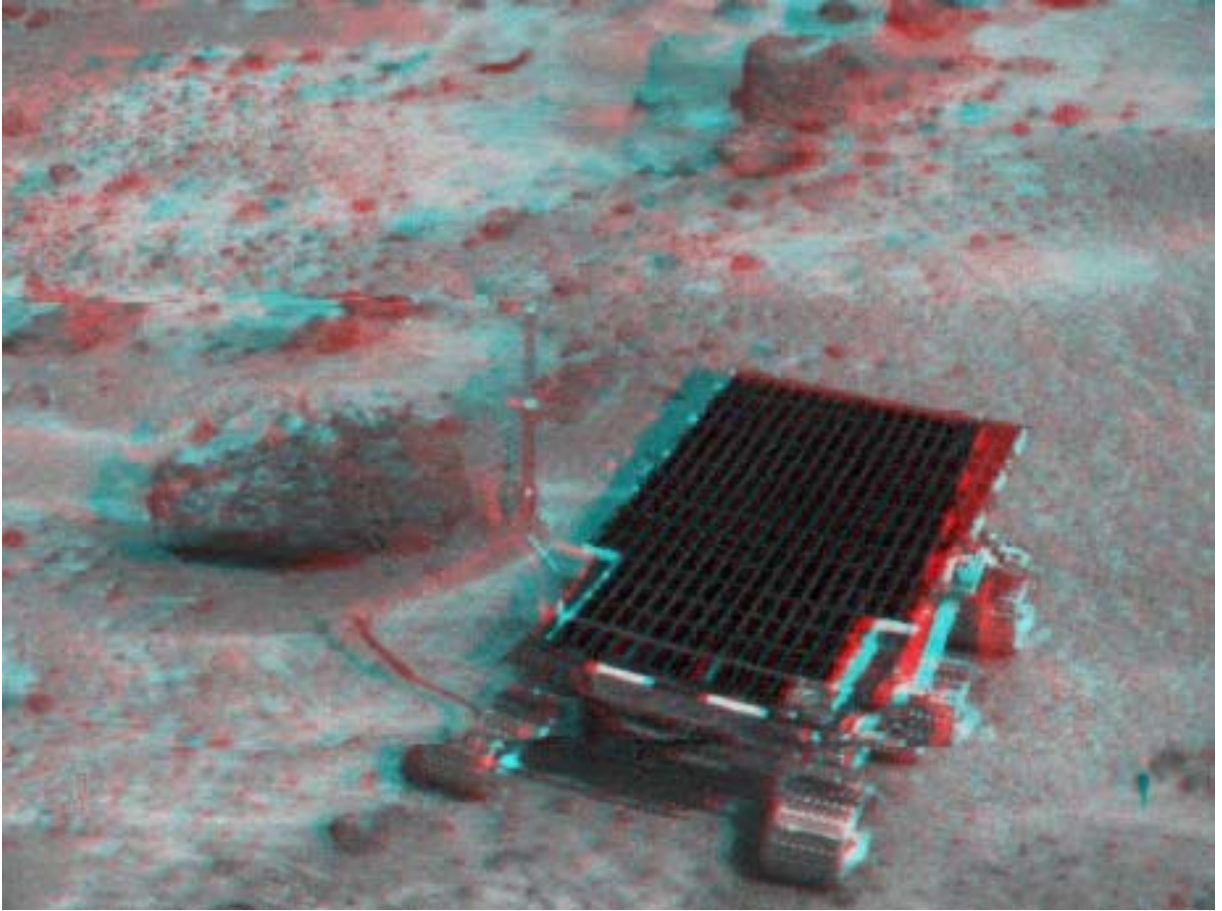
Lunar Eclipse, Credit: Don Taylor



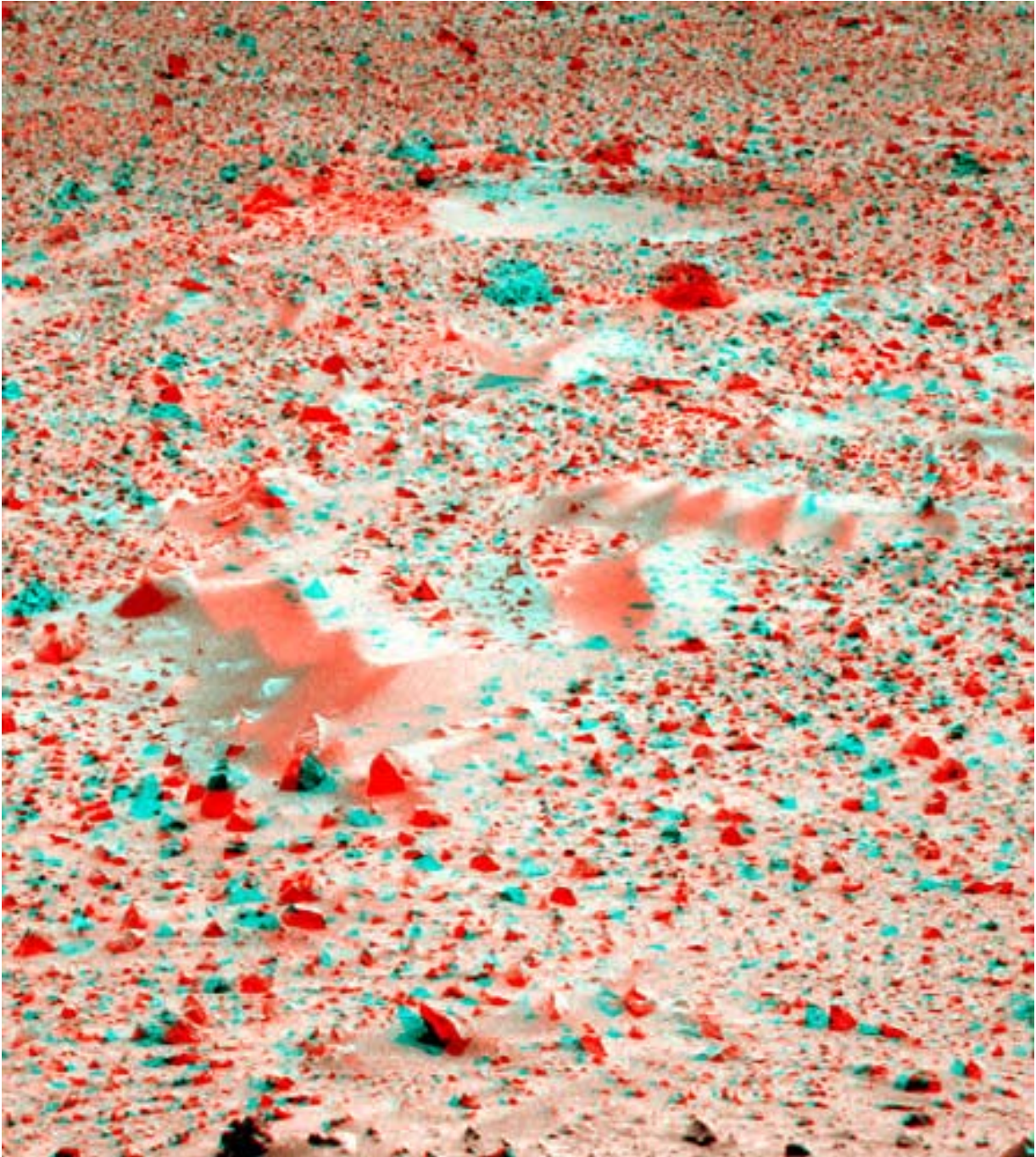
Moon, Credit Don Taylor



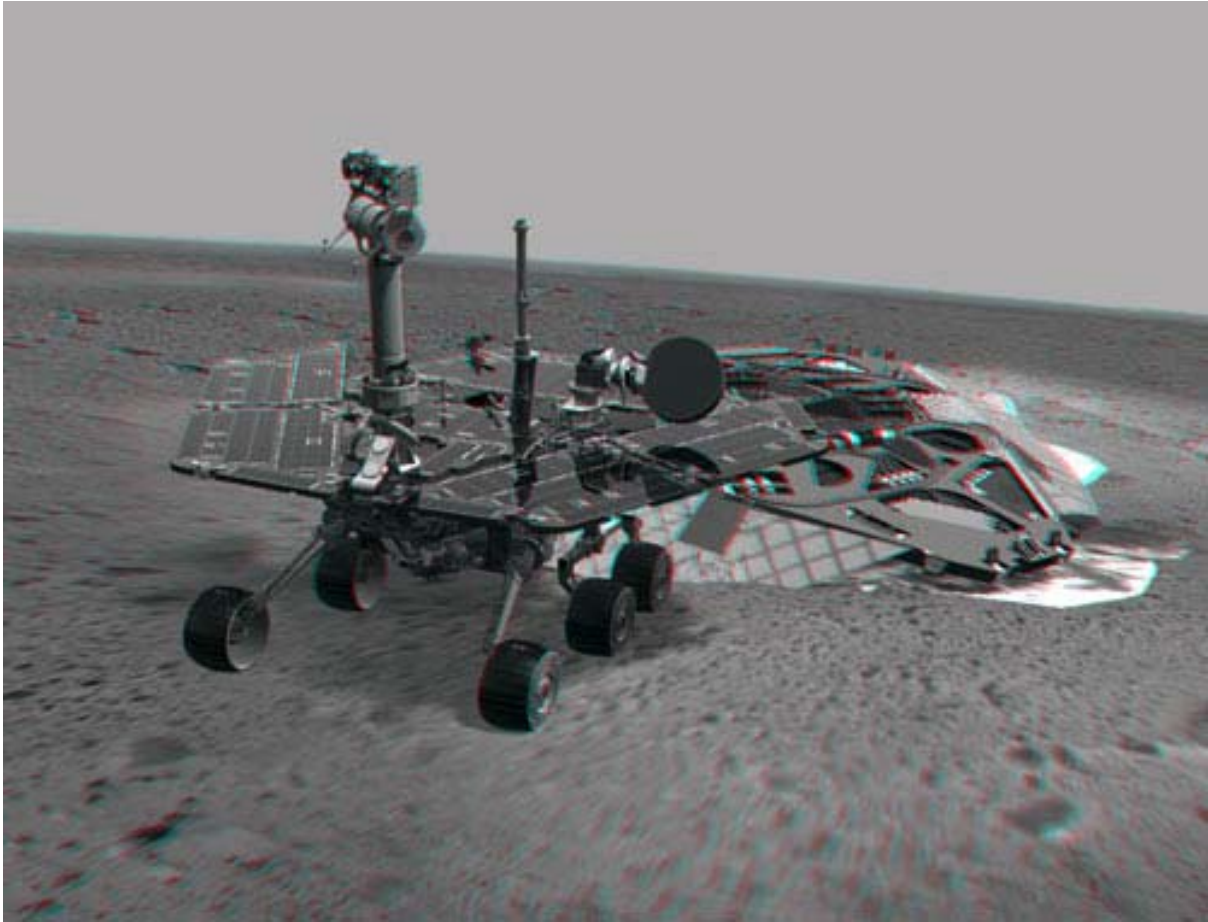
Moon: Rover Hadley Rille
Credit: Apollo 15, NASA



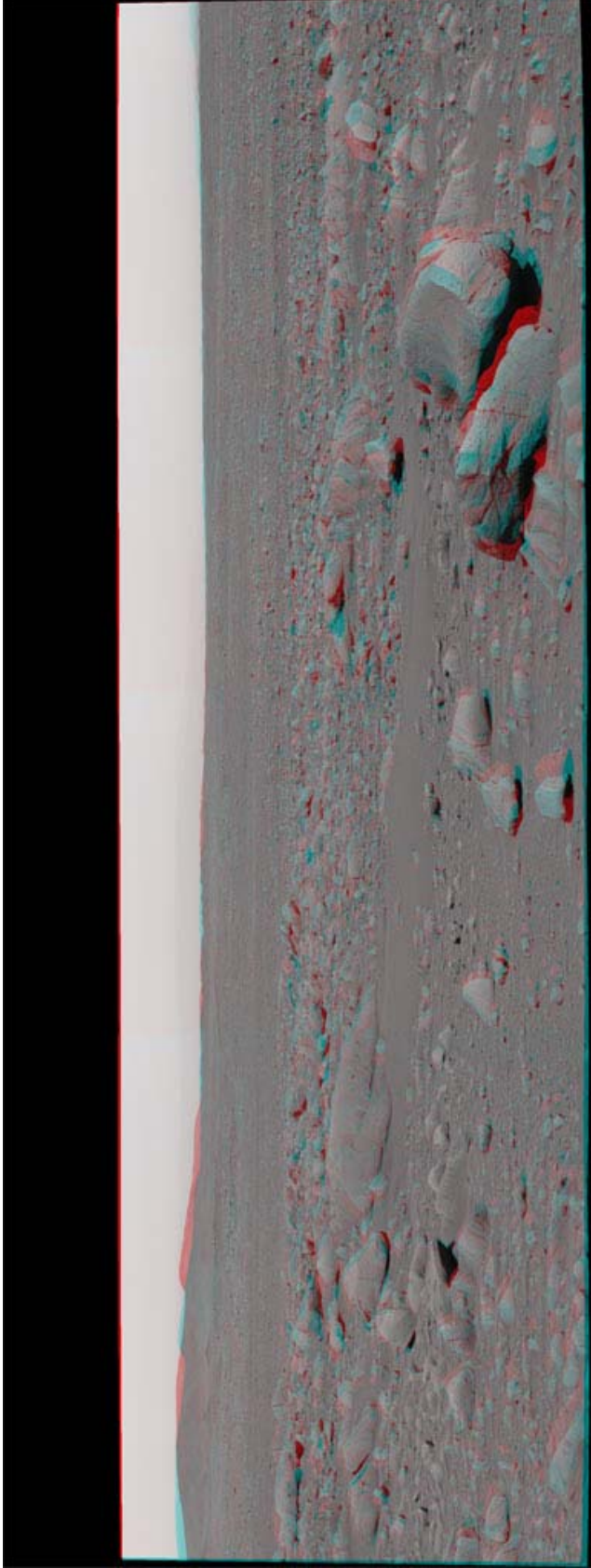
Mars: Mars Pathfinder
Credit: NASA



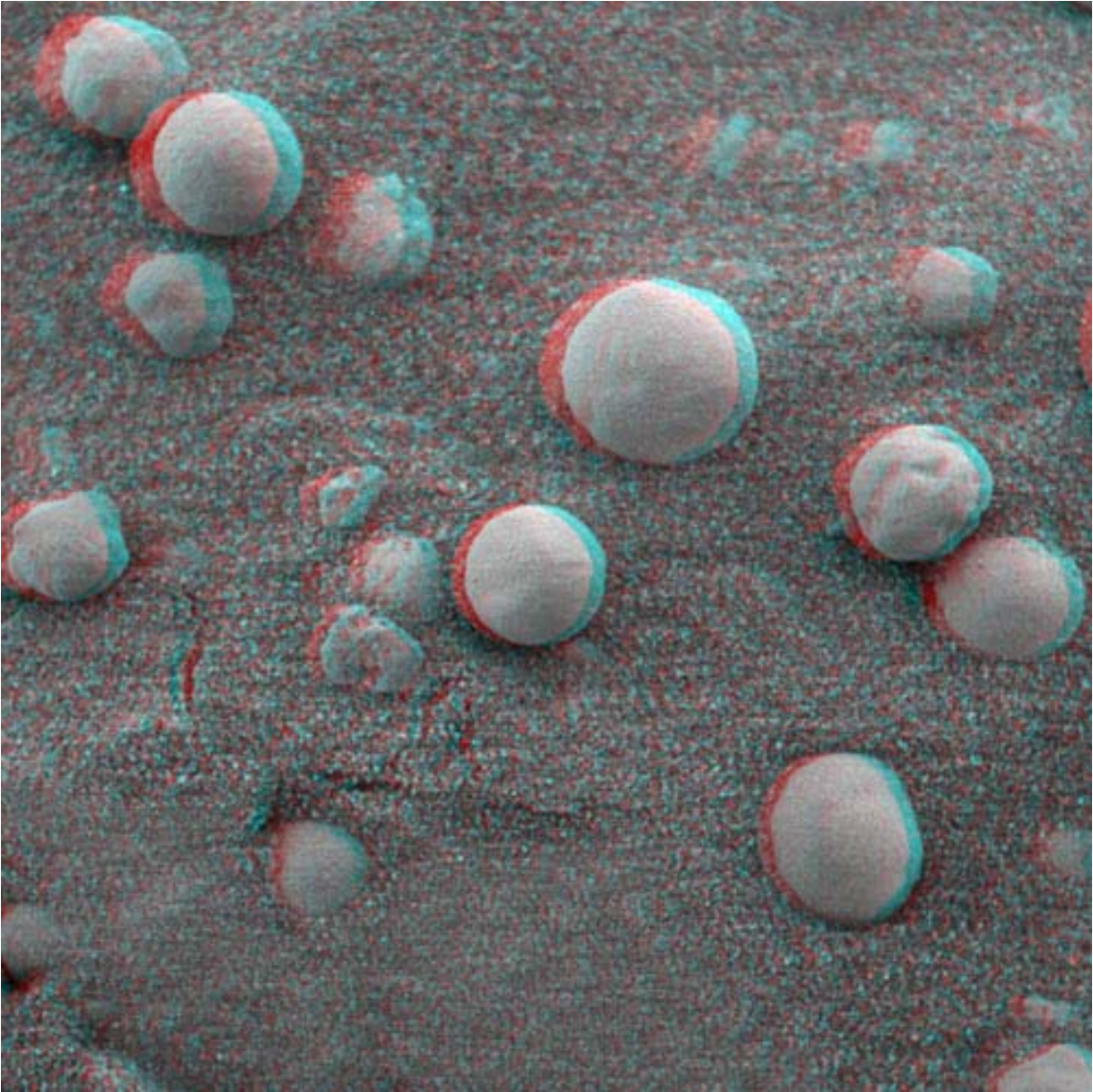
Mars: Landscape
Credit: Mars Pathfinder, NASA/JPL



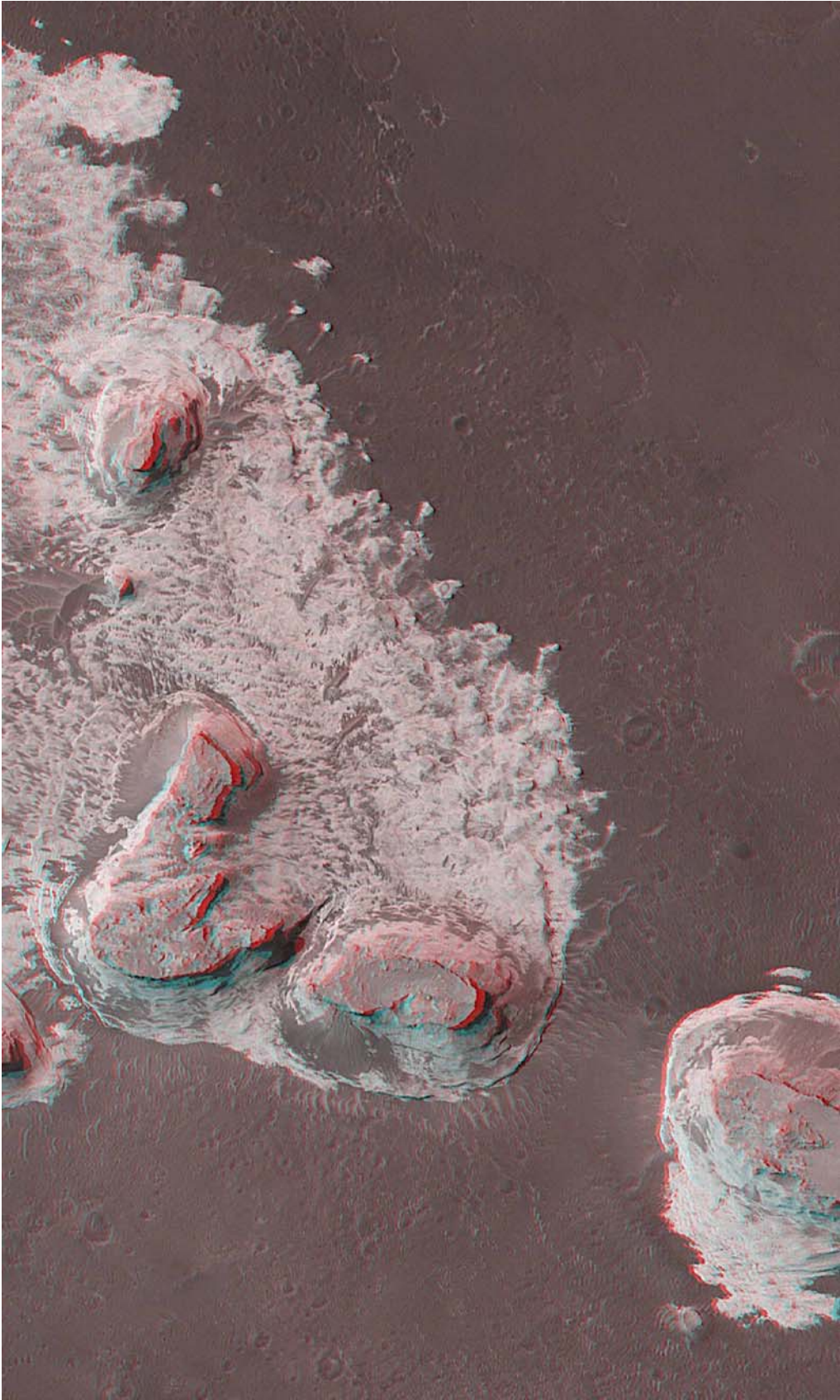
Artist Rendition of Spirit Plus Actual Image
Credit: Mars Rover Spirit NASA/JPL



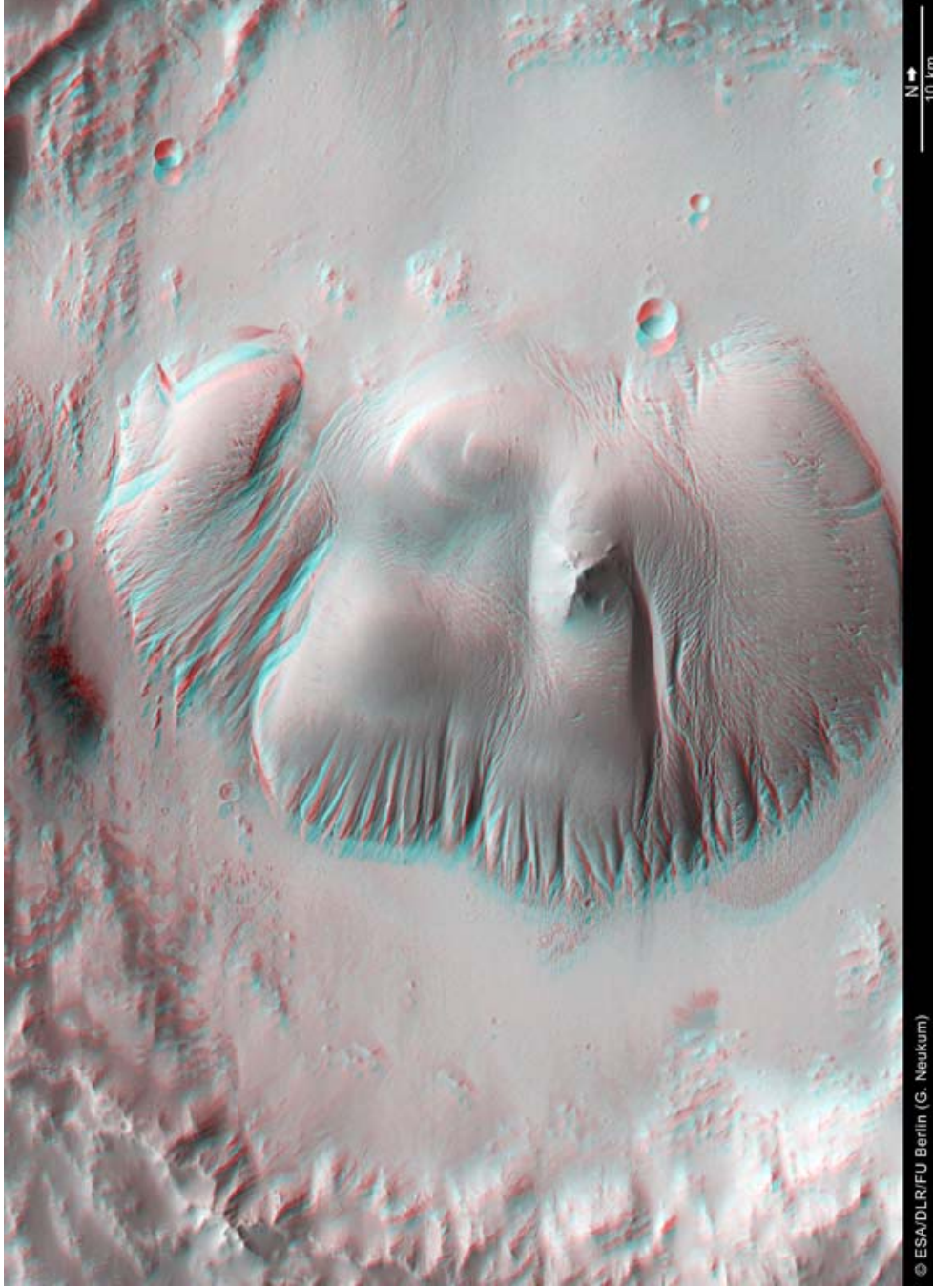
Mars: After Bonneville
Credit: Mars Rover Spirit, NASA/JPL/Cornell



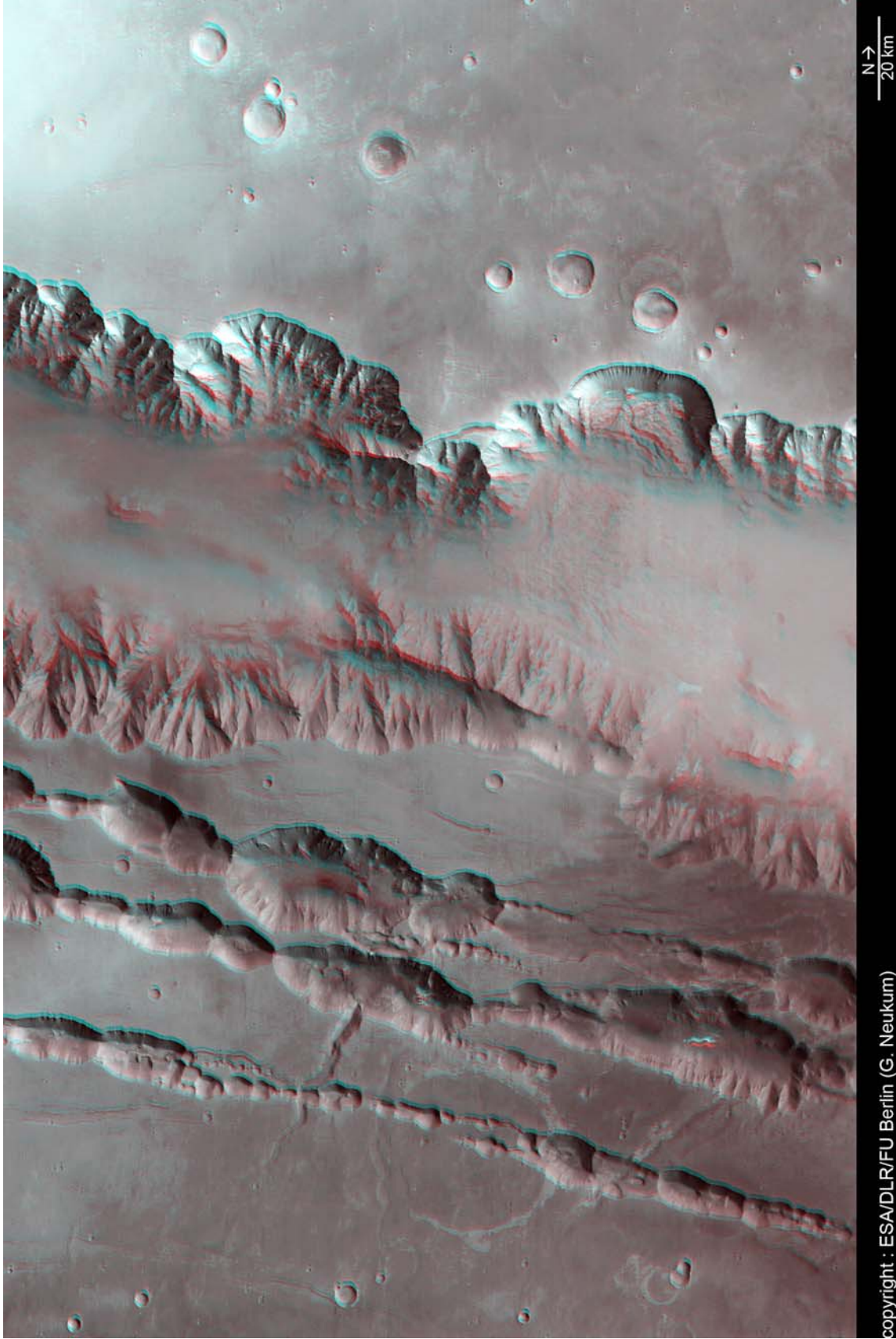
Mars: Blue Berries
**Credit: Mars Rover Opportunity, NASA/JPL/
Cornell/USGS/Texas A&M**



Mars: Northern Terra Meridiani's "Monument Valley"
**Credit: Mars Global Surveyor/Mars Orbiter Camera, NASA/JPL/
Malin Space Science Systems**

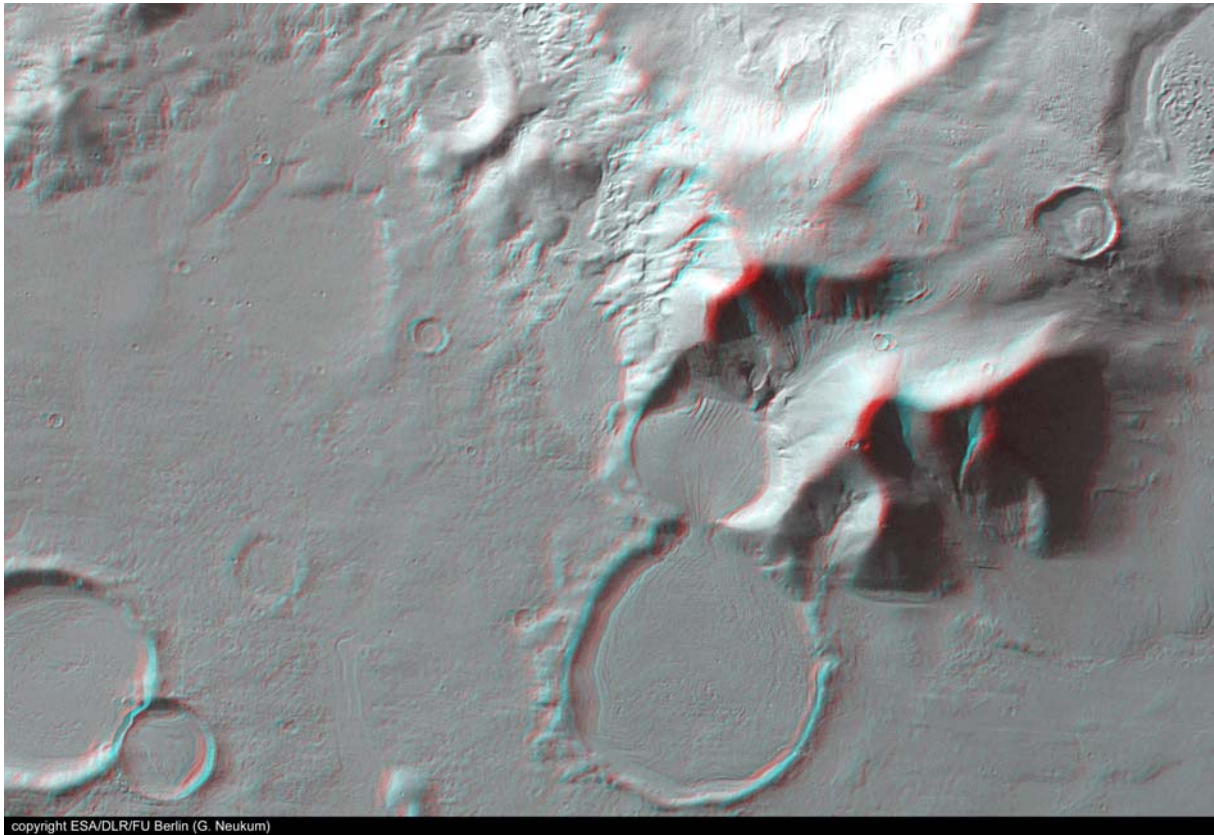


Mars: Nicholson Crater
Credit: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)

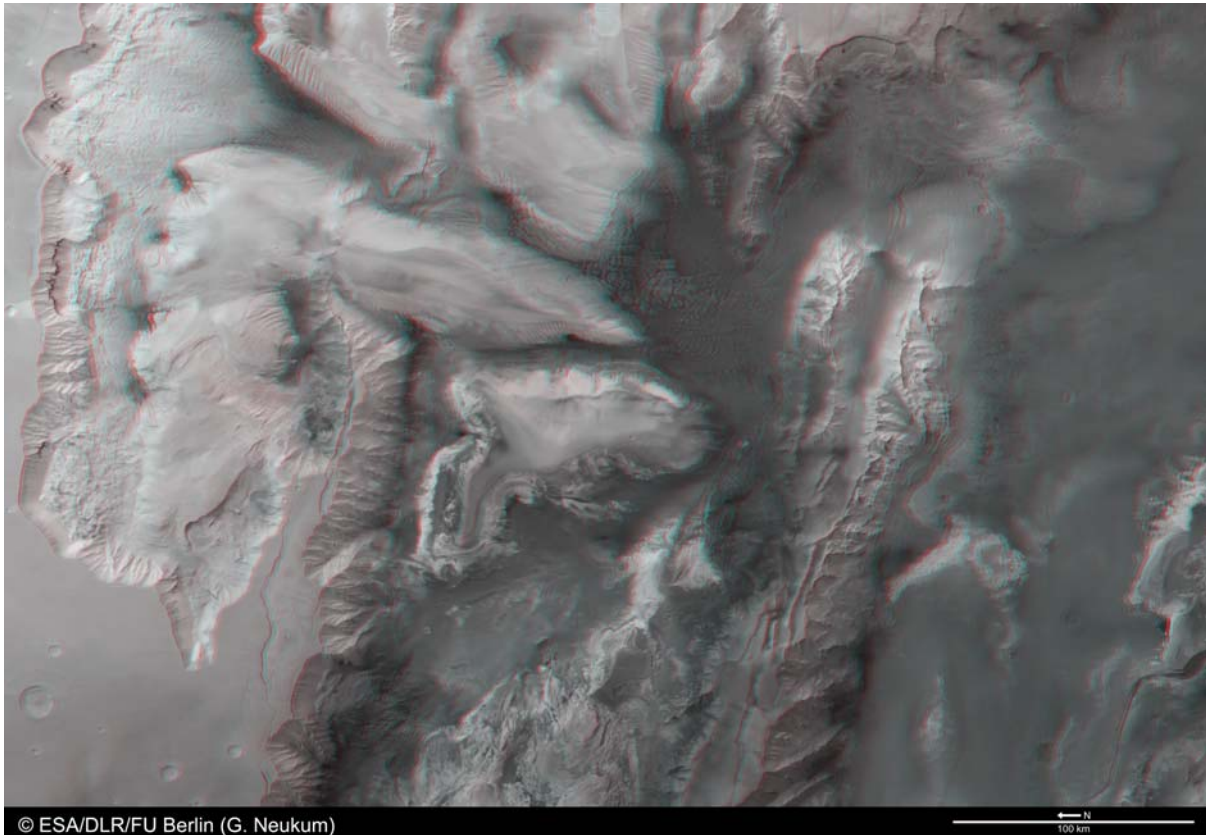


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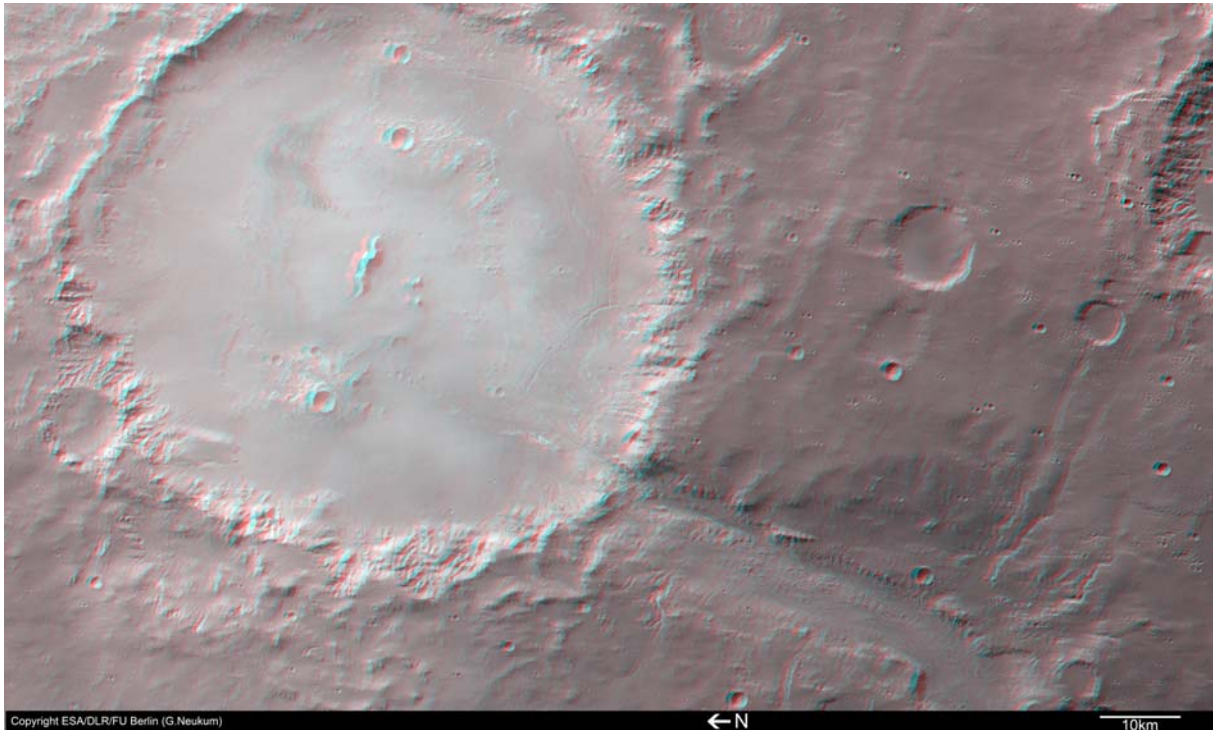
Mars: Coprates Chasma and Coprates Catena
Credit: Mars Express, ESA/DLR/FU Berlin (G. Neukum)



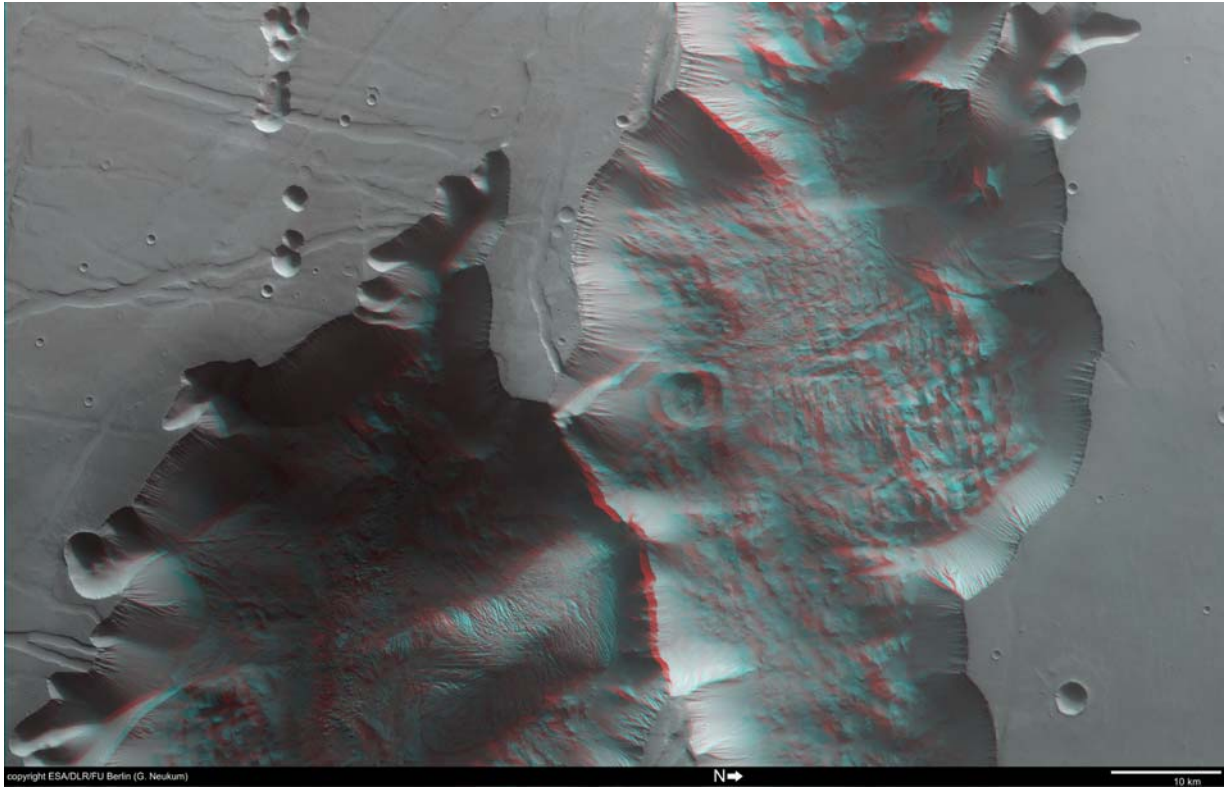
Mars: 'Hourglass' Shaped Craters
Credit: Mars Express, ESA/DLR/FU Berlin (G. Neukum)



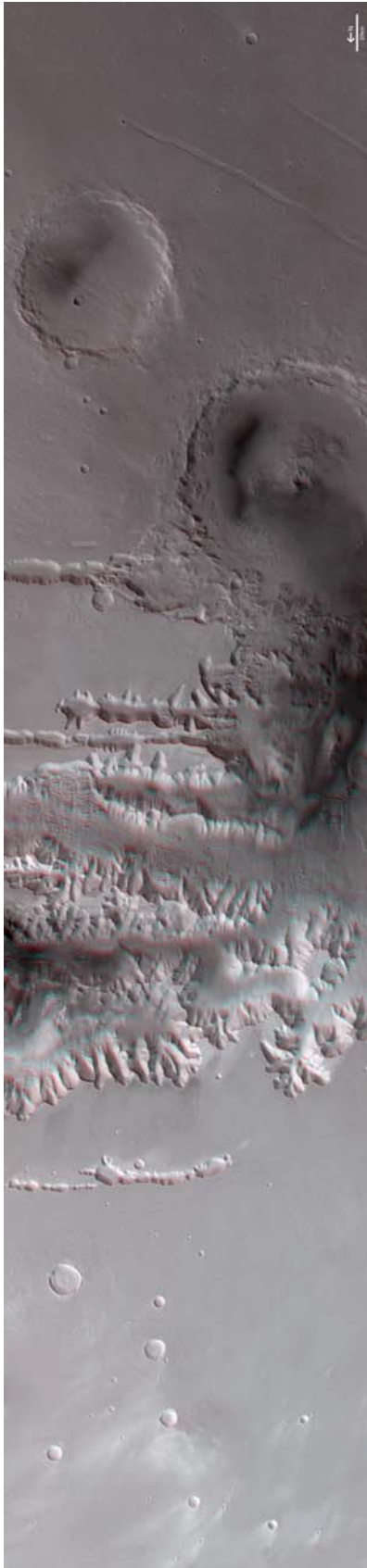
Mars: Melas, Candor and Ophir Chasmas
Credit: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)



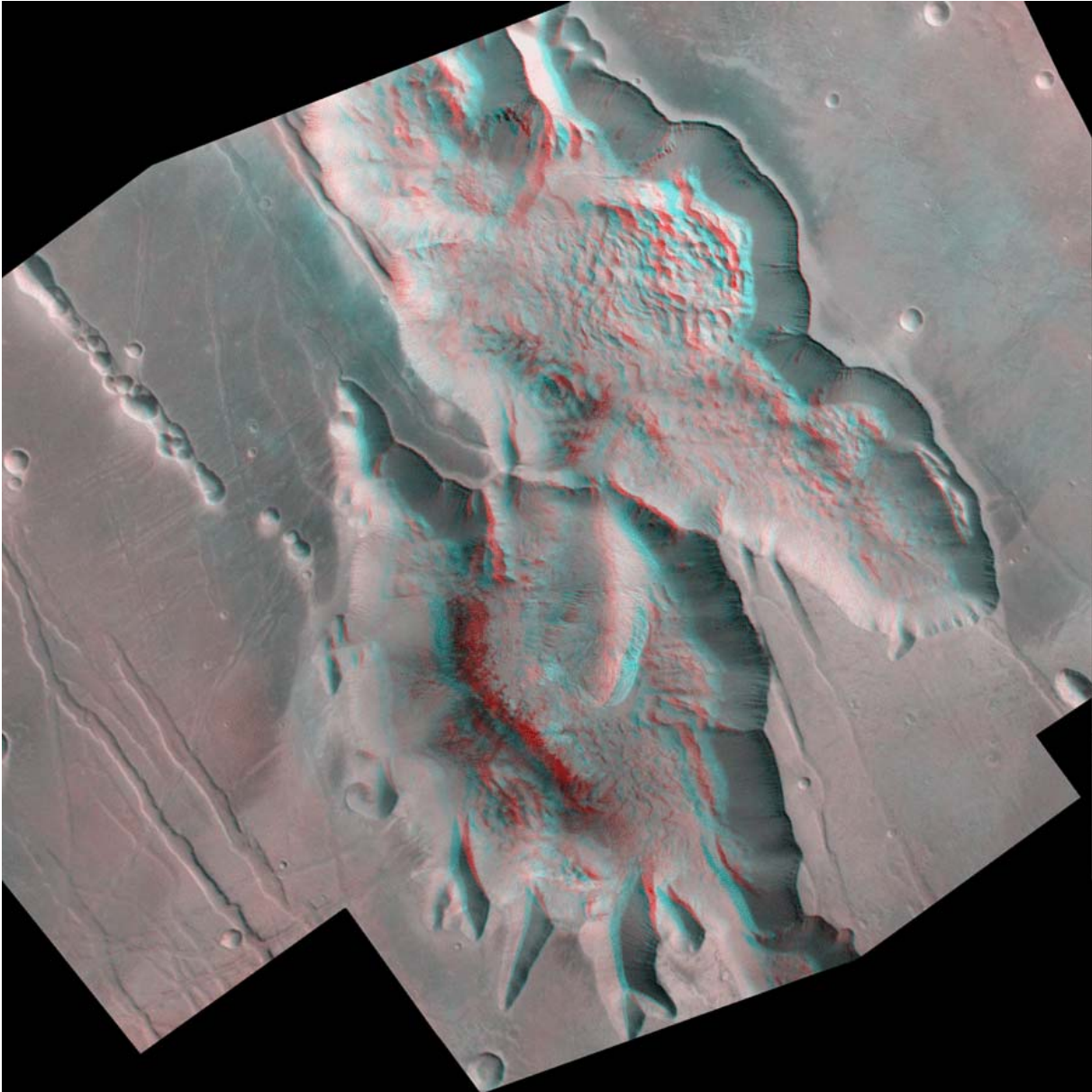
Mars: Crater Holden and Uzboi Vallis
Credit: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)



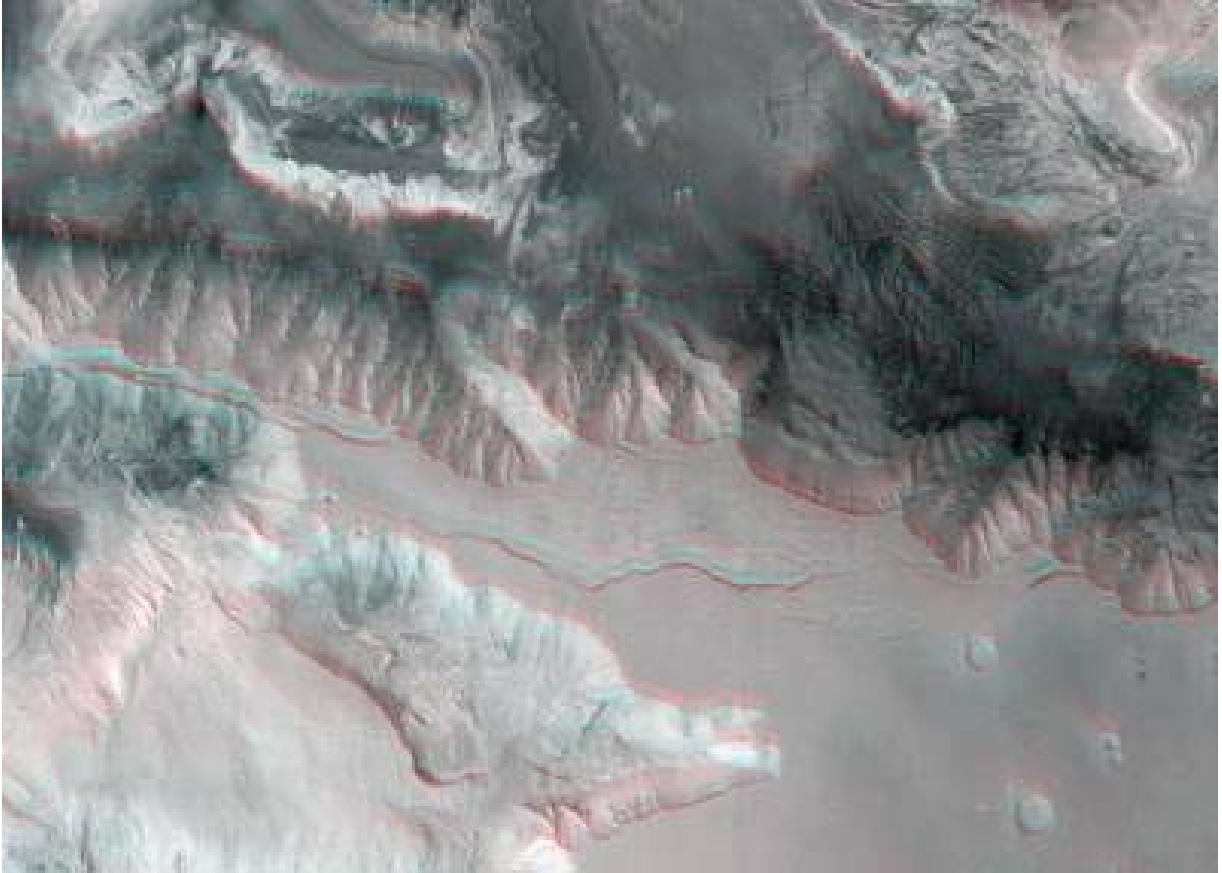
Mars: Tithonium Chasma
Credit: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)



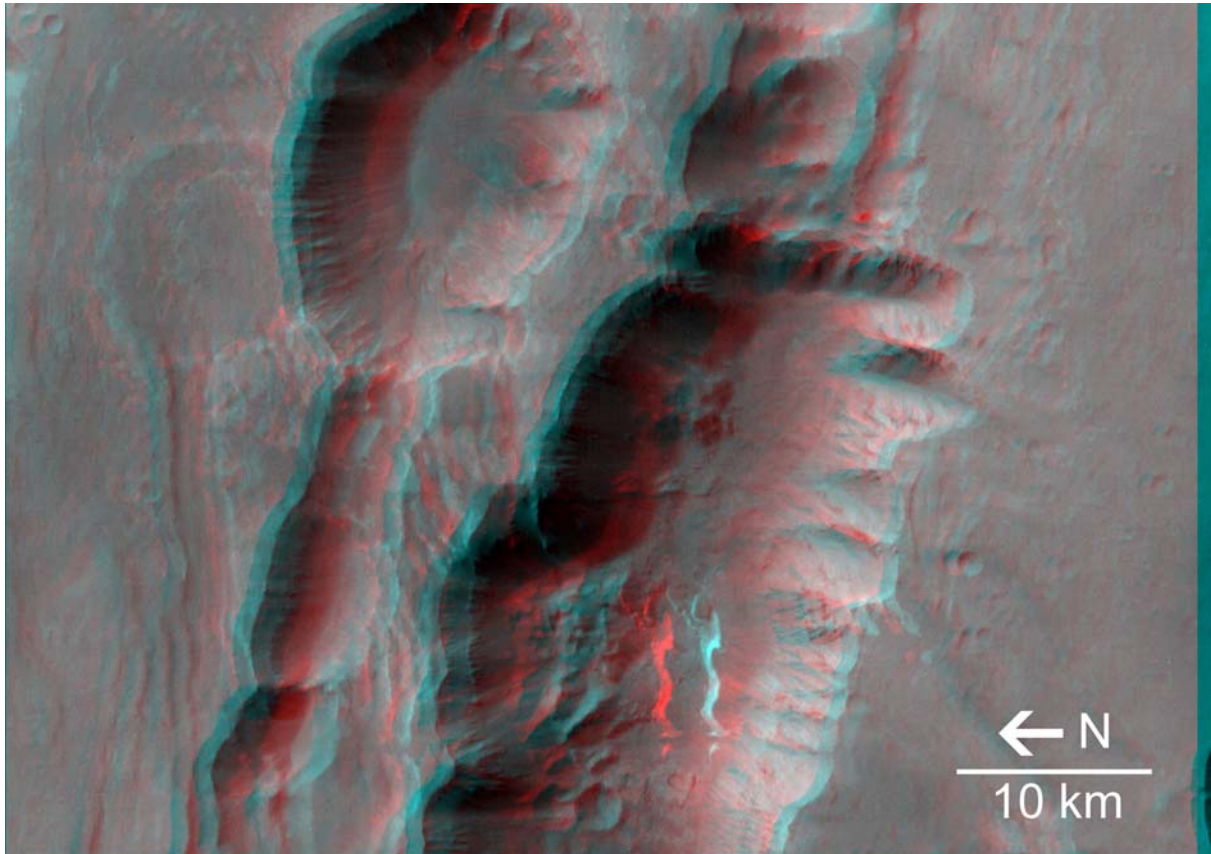
Mars: Tithonium Chasma
Credits: Mars Express,
ESA/DLR/FU Berlin (G.
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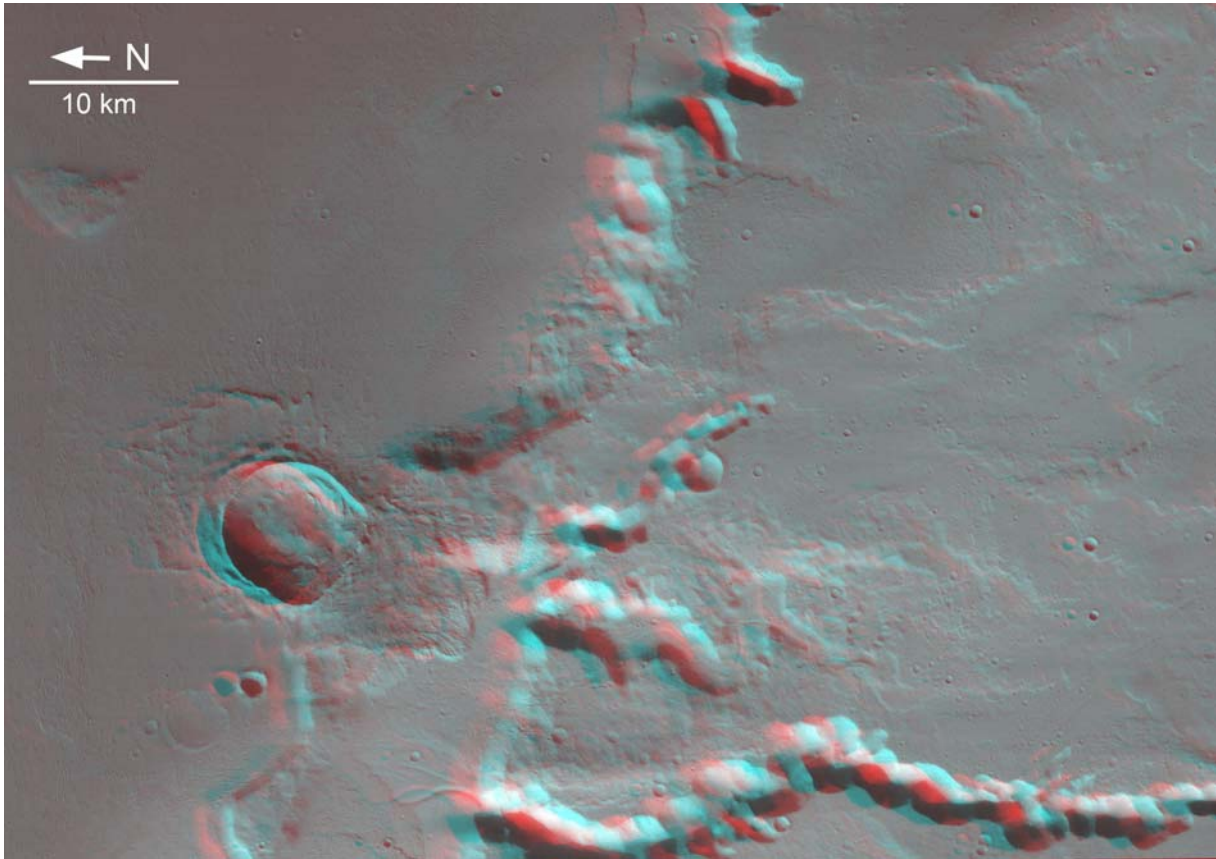
Mars: Tithonium Chasma Valles Marineris
Credit: Viking 1, NASA



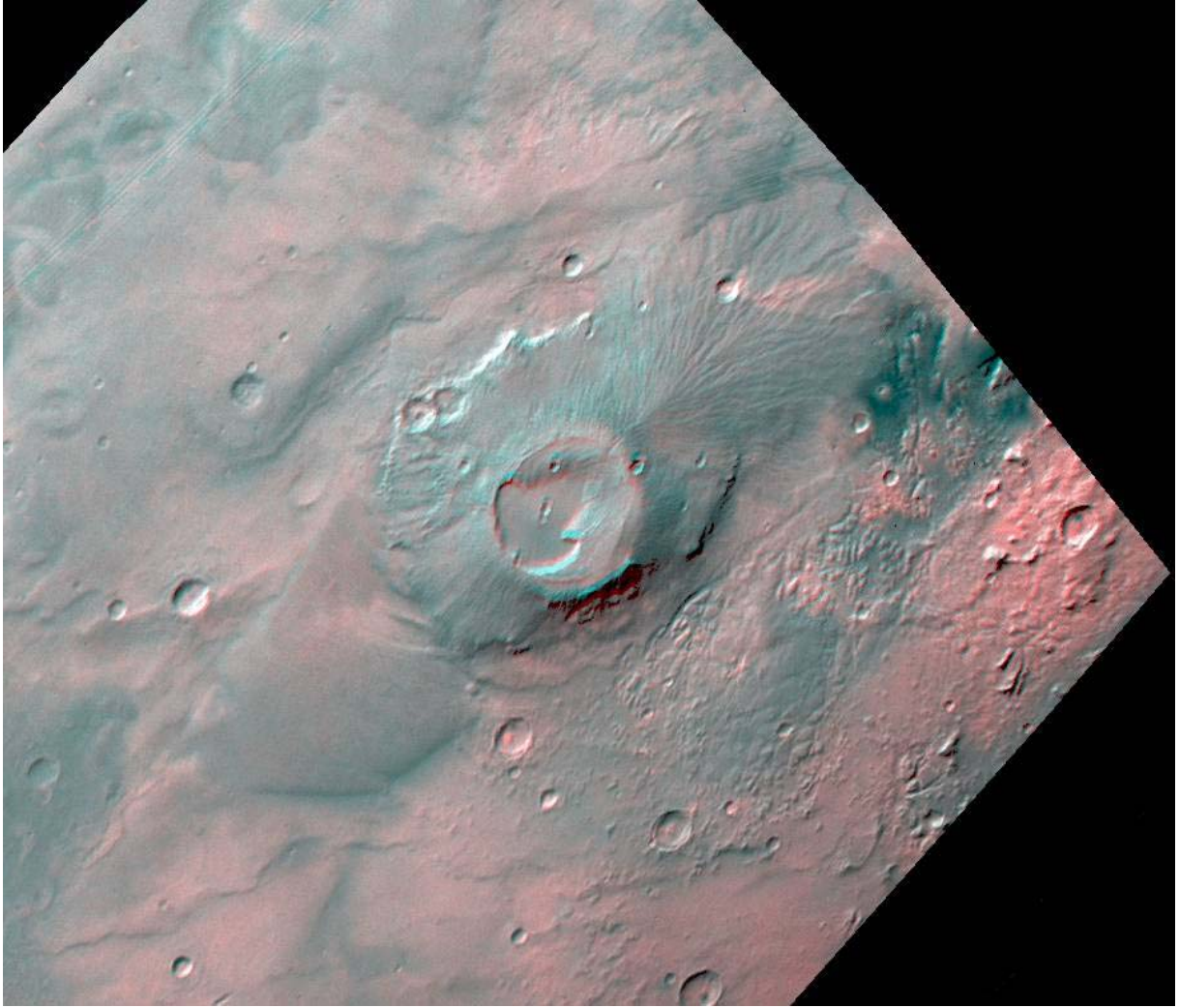
Mars Express Image of Candor Chasma, Mars
Credit: ESA/DLR/FU Berlin (G. Neukum)



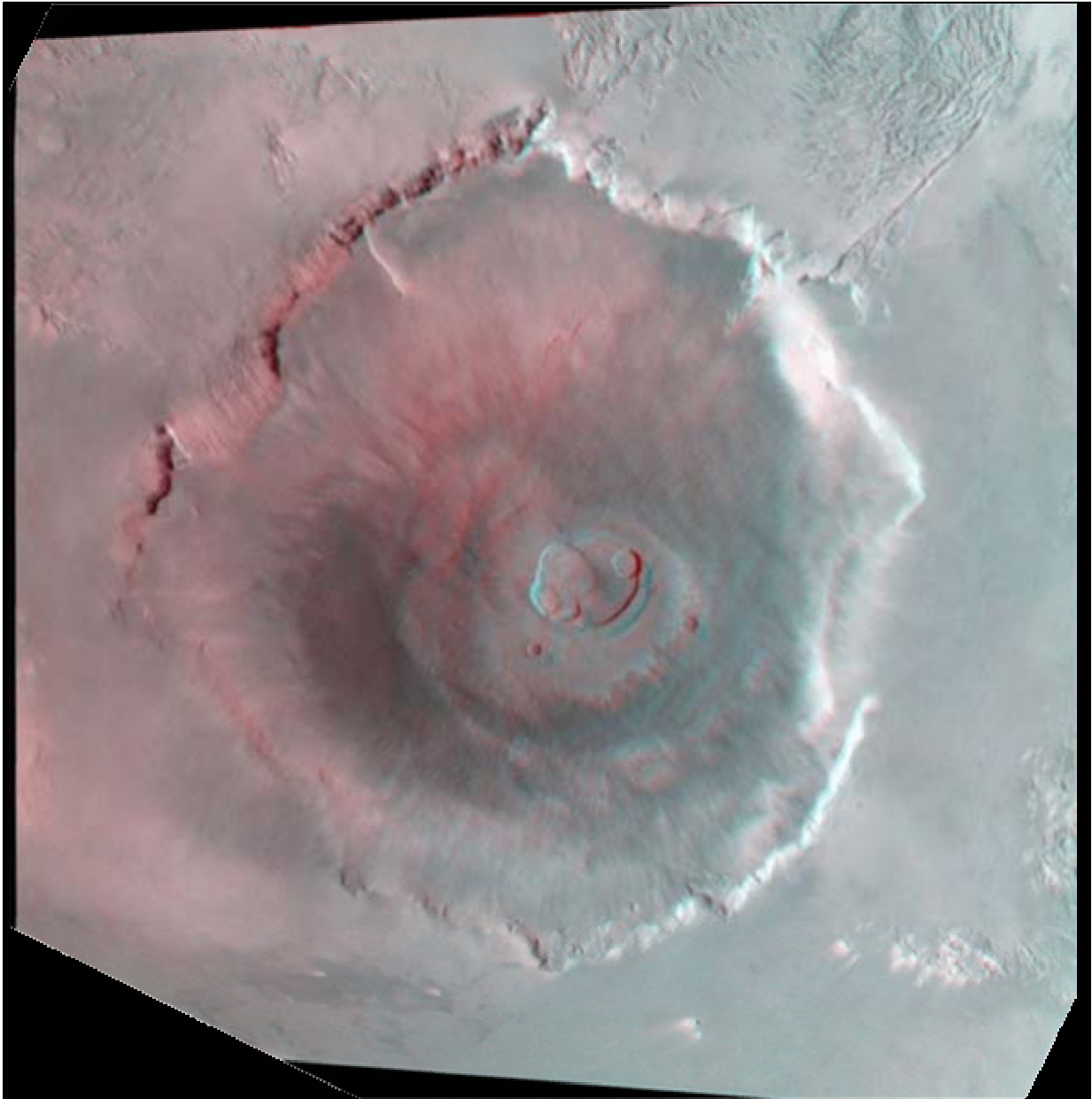
Mars: Coprates Catena
Credits: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)



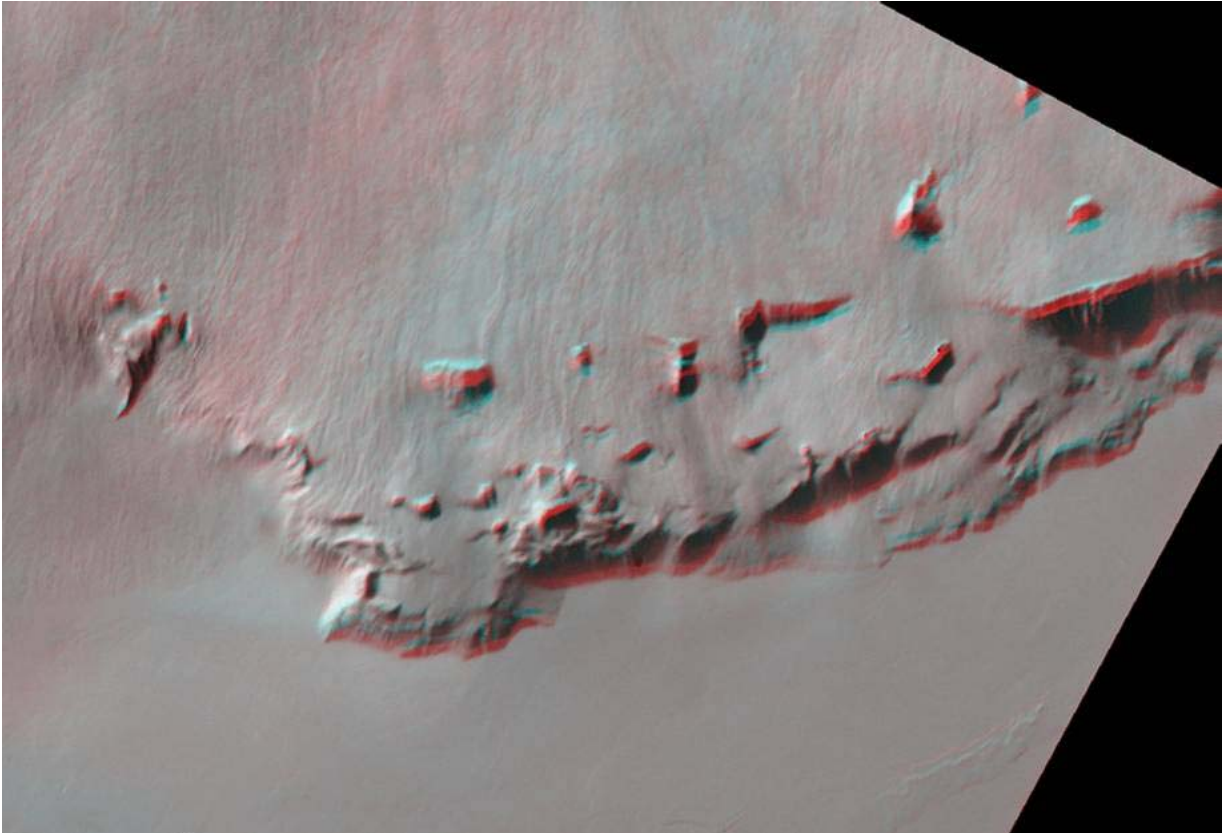
Mars: Medusa Fossae
Credits: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)



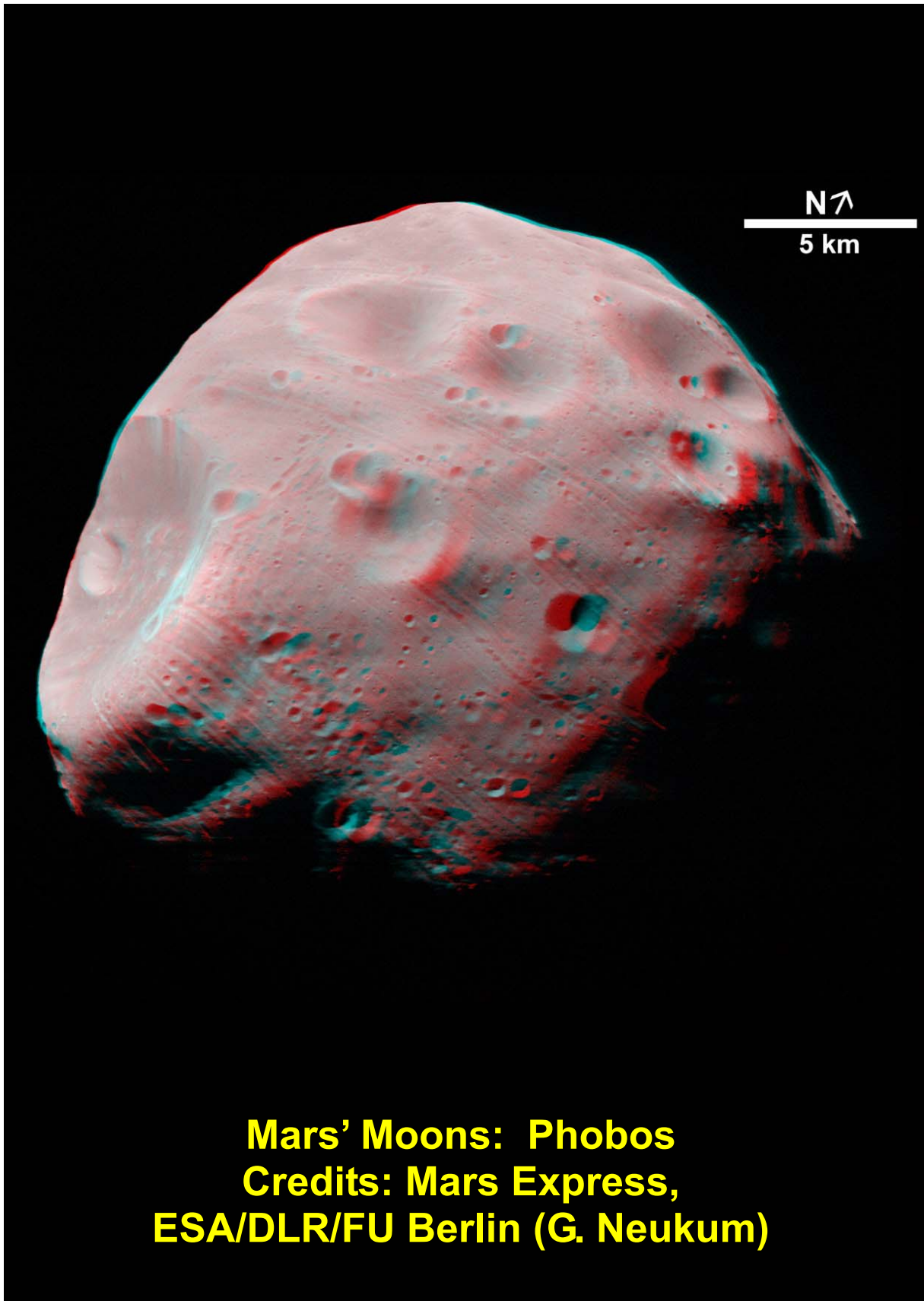
Mars: Apollinaris Patera Elysium Planitia
Credit: Viking 1, NASA



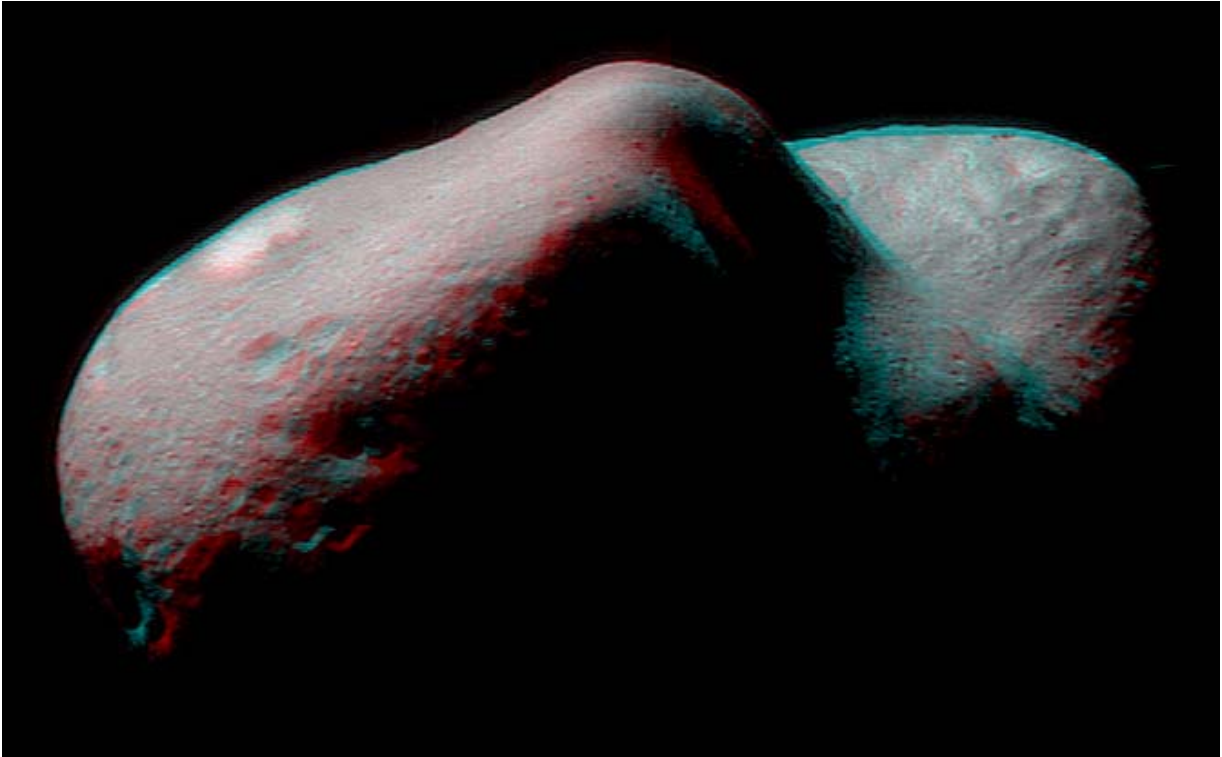
Mars: Olympus Mons Tharsis Montes
Credit: Viking 1, NASA



Mars: Olympus Rupes (Basal Scarp)
Credit: Viking 2, NASA



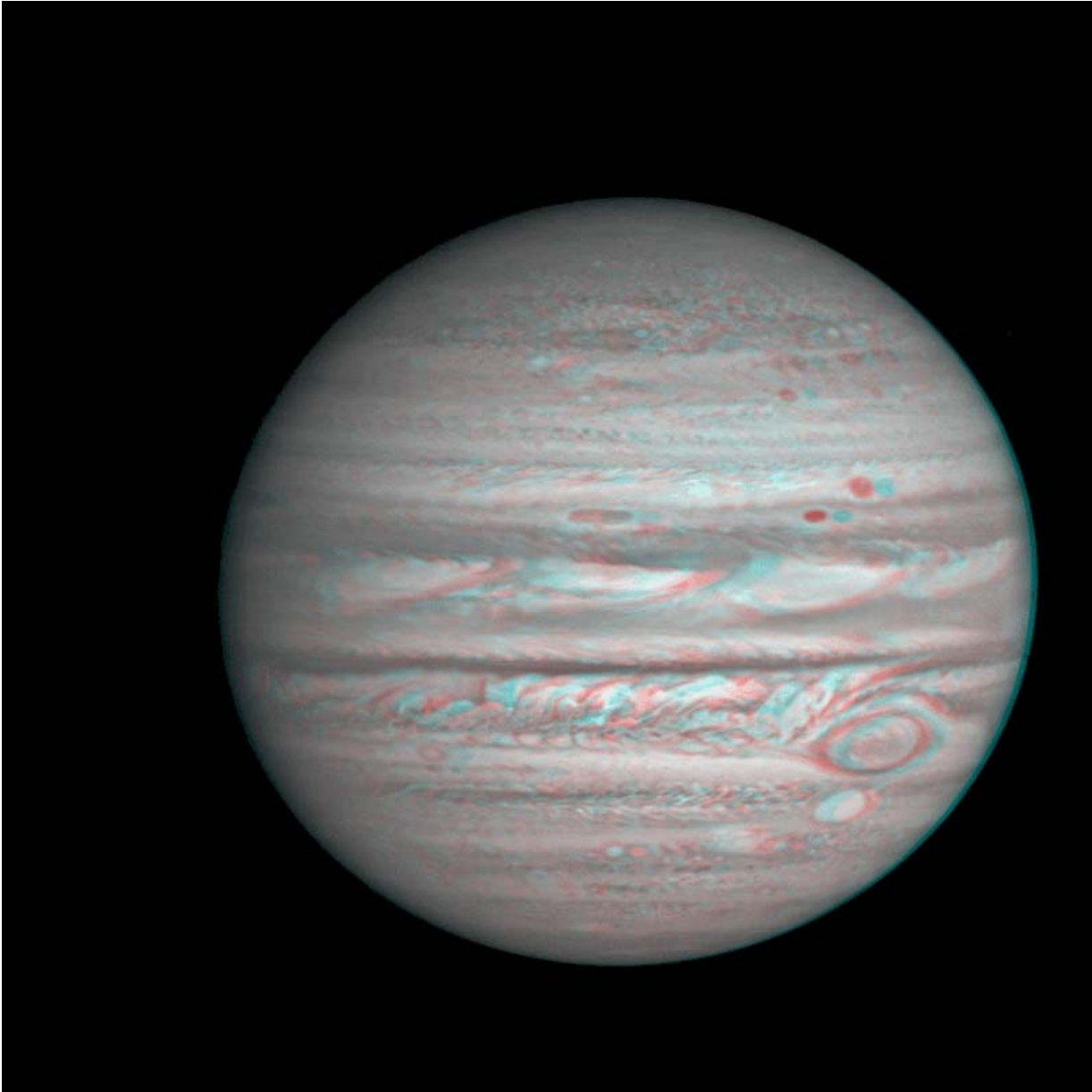
Mars' Moons: Phobos
Credits: Mars Express,
ESA/DLR/FU Berlin (G. Neukum)



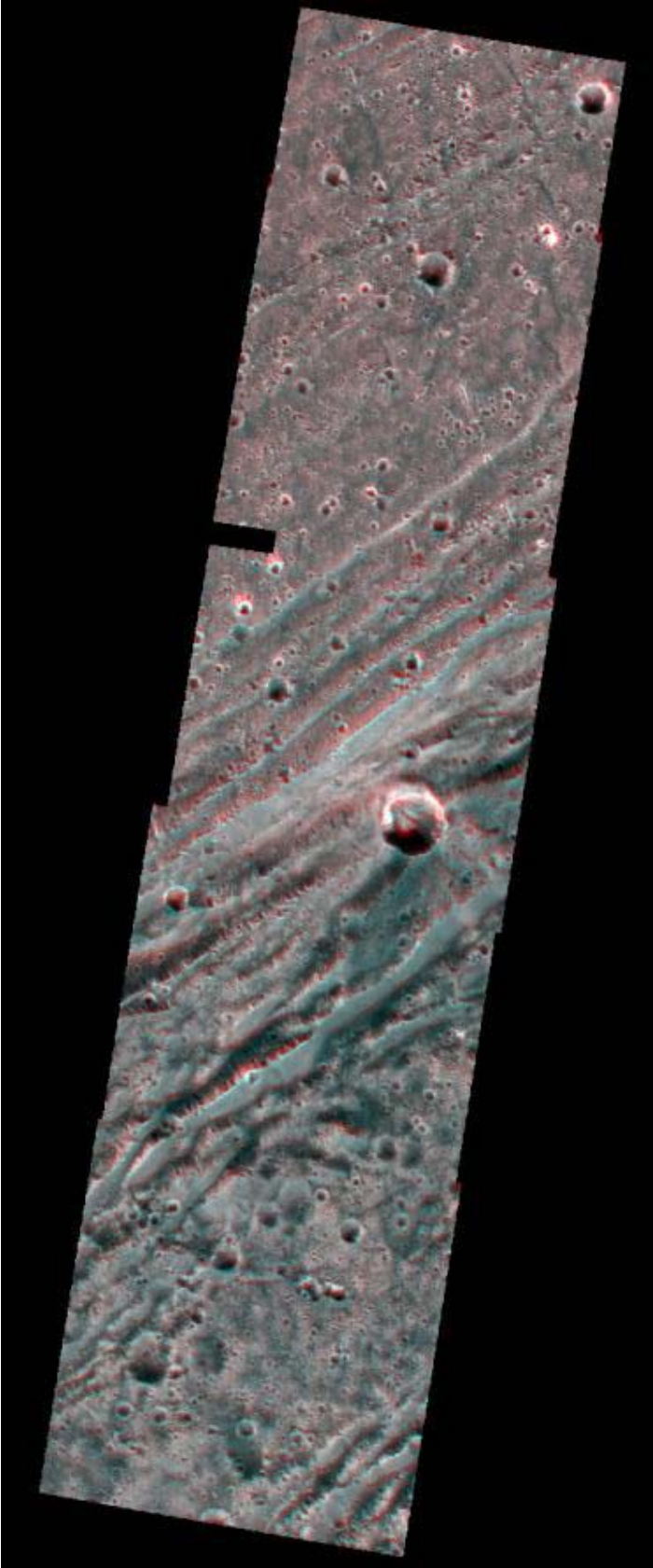
Asteroids: Eros
Credit: NEAR, NASA



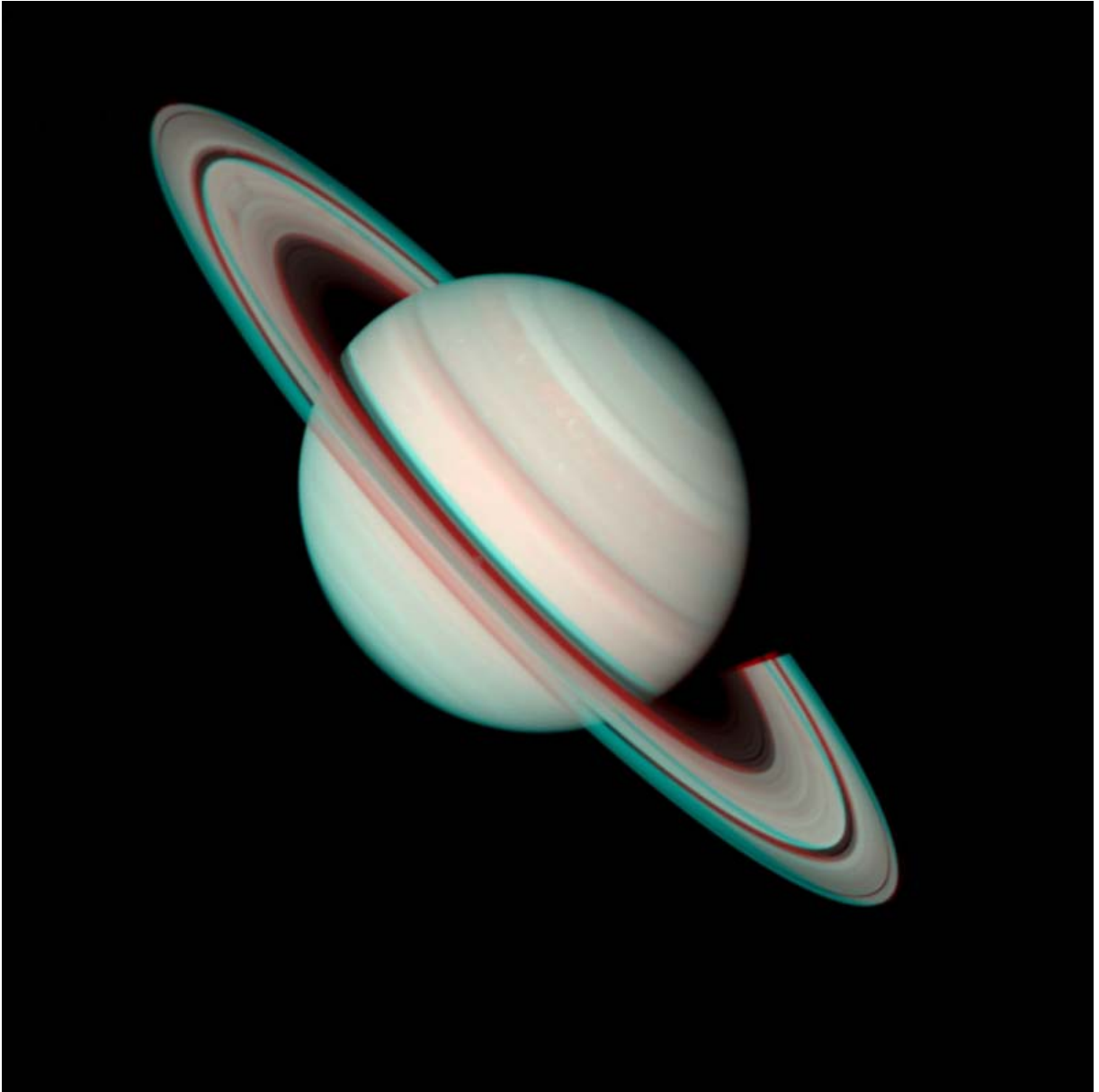
Asteroids: Ida
Credit: NASA



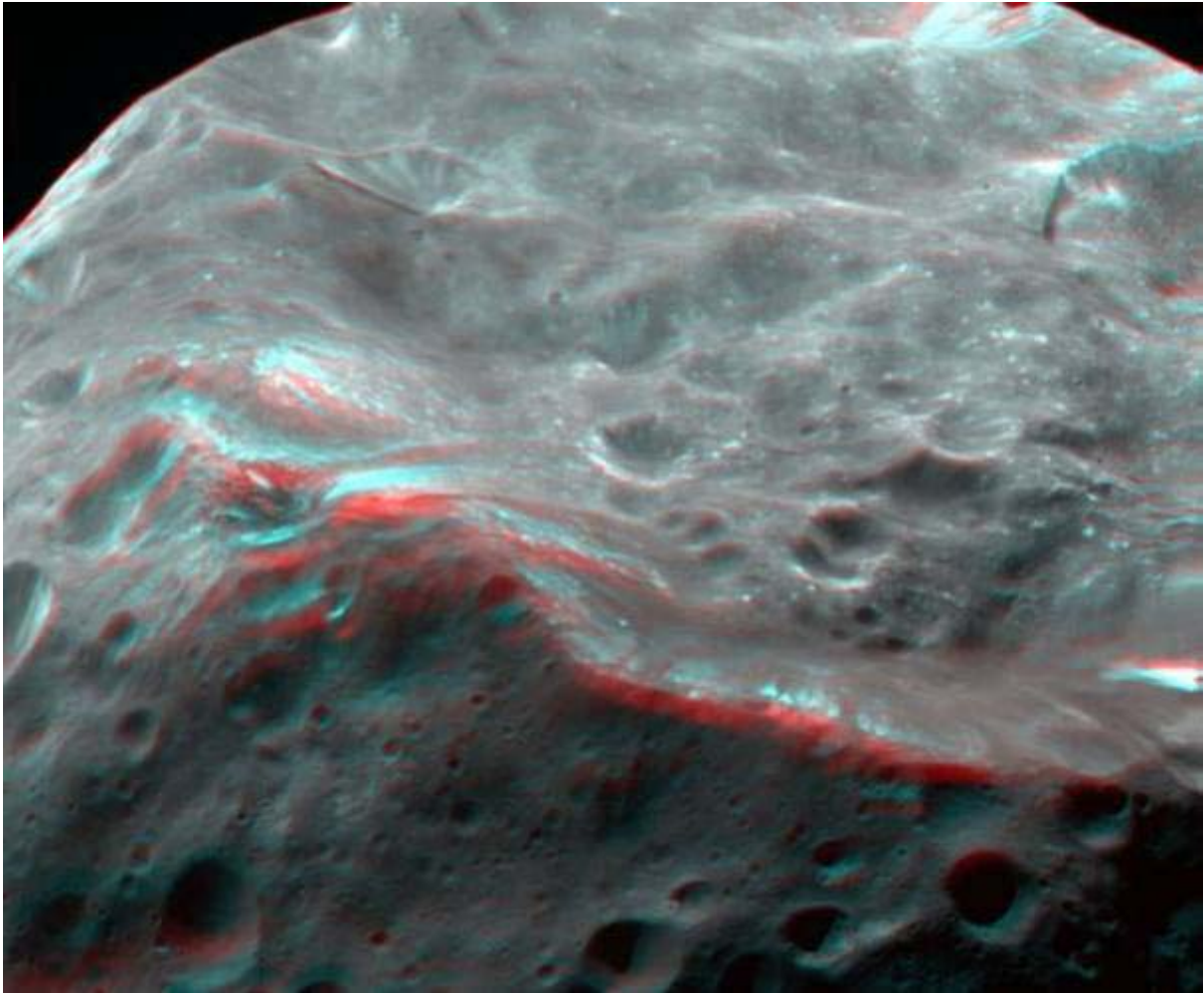
Jupiter
Credit: Voyager 2, NASA



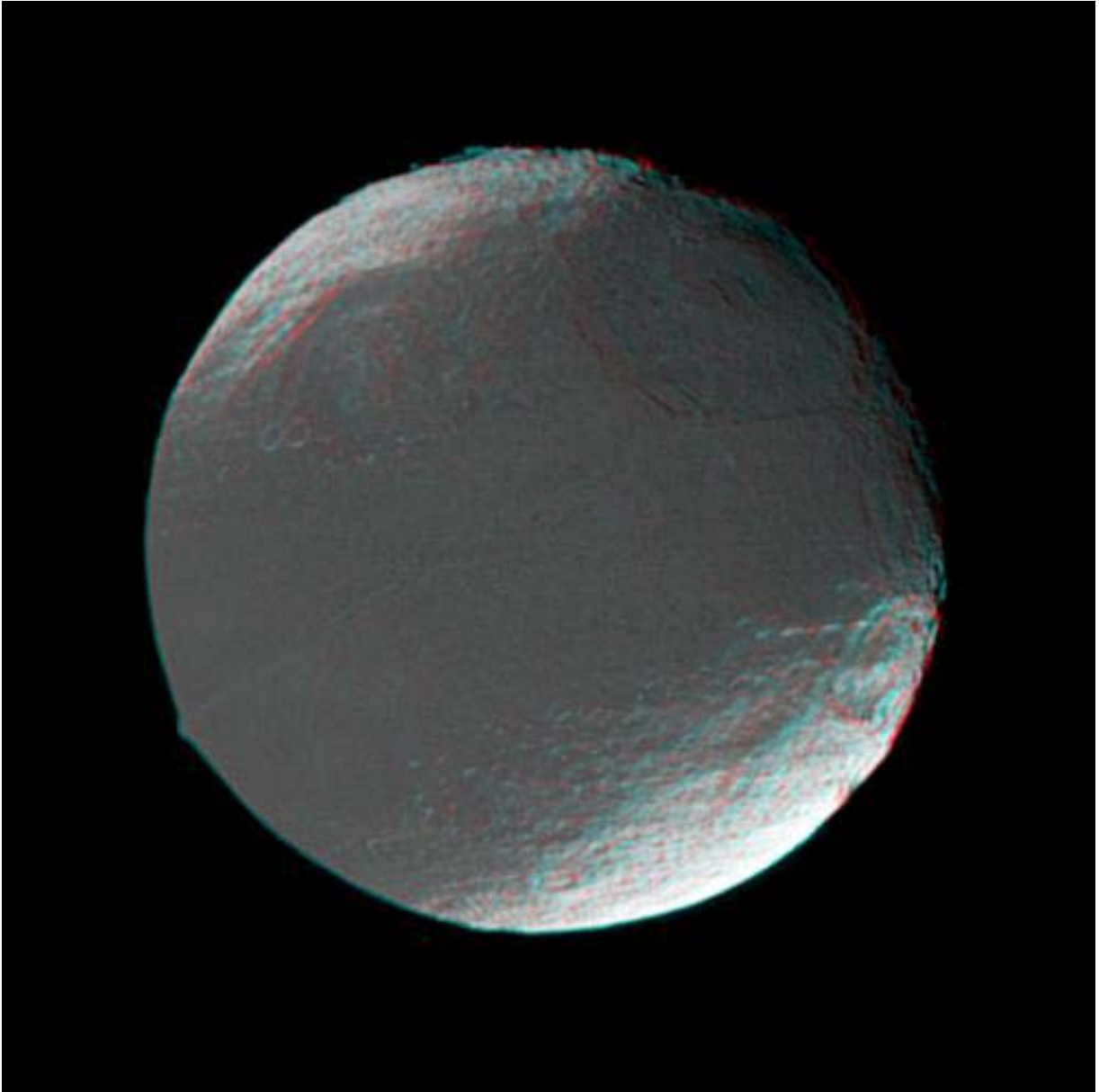
**Jupiter's Moons:
Ganymede
Credit: Galileo,
NASA**



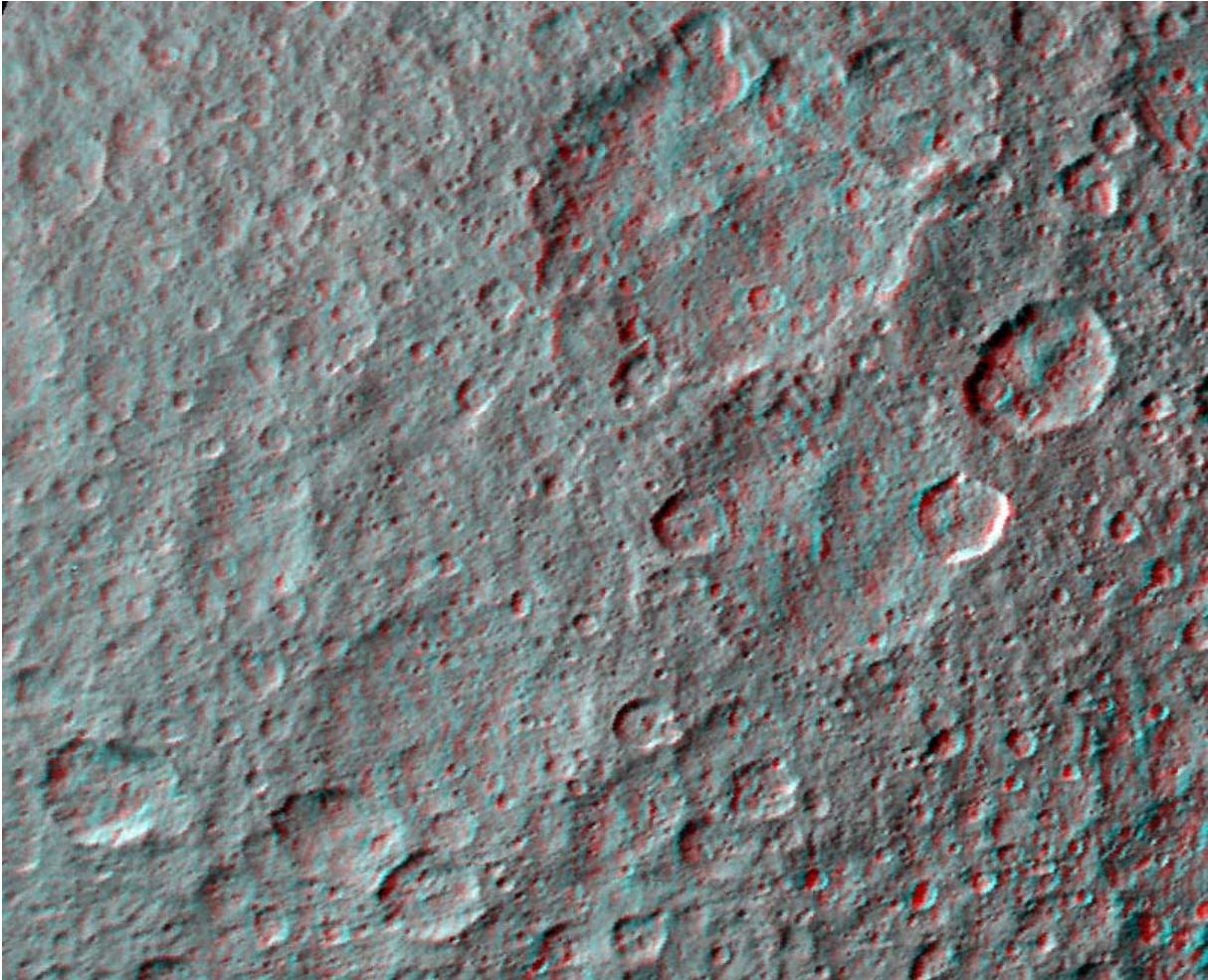
Saturn
Credit: Voyager 2, NASA



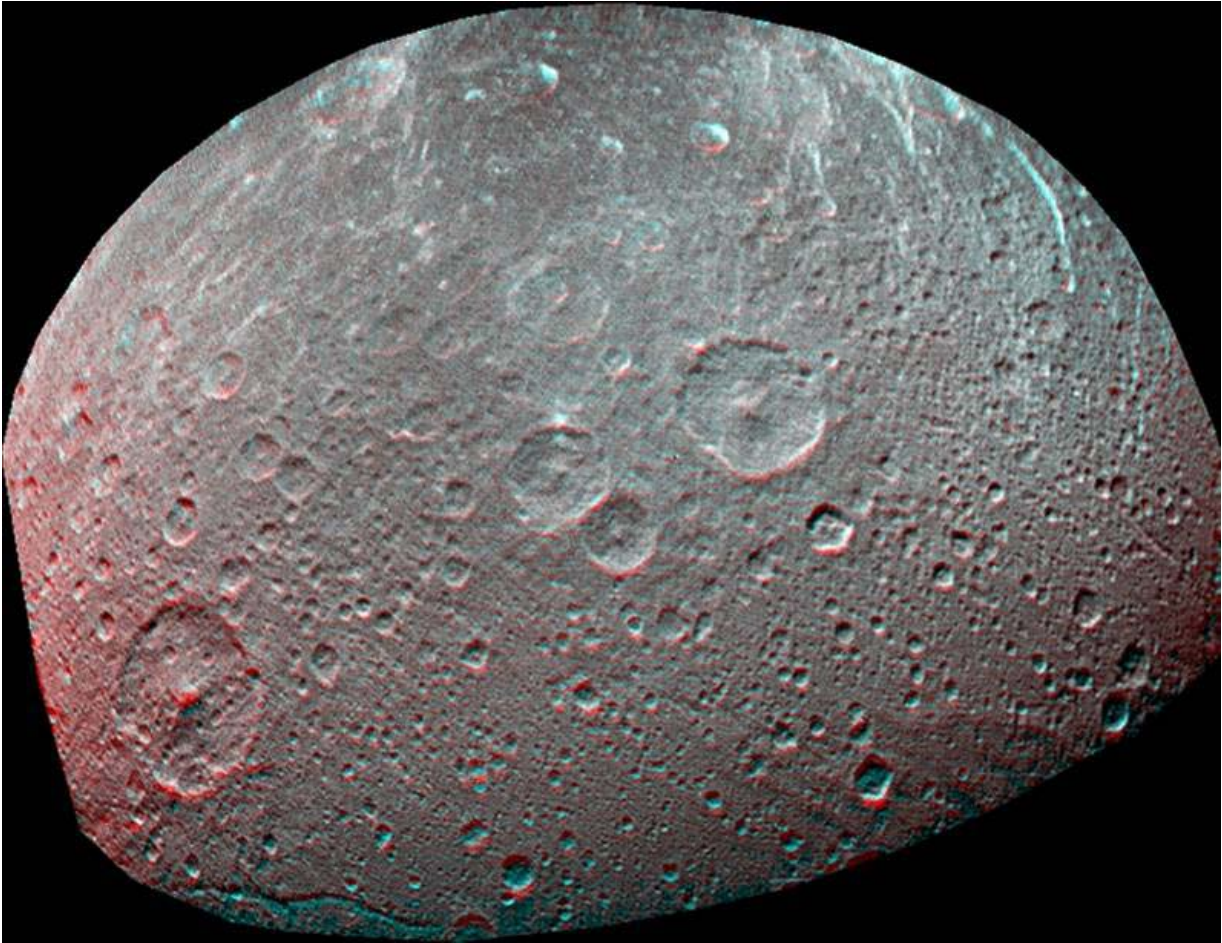
Saturn's Moons: Phoebe
Credit: Cassini, NASA



Saturn's Moons: Iapetus
Credit: Cassini, NASA



Saturn's Moons: Rhea
Credit: Voyager 1, NASA



Saturn's Moons: Dione
Credit: Voyager 2, NASA



Eagle Nebula
Credit: Hubble, STScI, NASA

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Winter Solstice Special Edition

The images in this special edition of the Starscan were presented at the 2005 Winter Solstice Party at the Lunar Planetary Institute.

Viewing the images requires 3D anaglyph glasses with lenses of Red/Blue, Red/Cyan or Red/Blue-Green.

The Starscan staff hopes you enjoy these images.

Starscan Submission Procedures

Original articles of astronomical interest will be accepted up to **6 P.M. January 25th.**

The most convenient way to submit articles or a Calendar of Events is by electronic mail, however computer diskettes or CDs will also be accepted. All articles should include author's name and phone number. Also include any picture credits. The recommended format is Microsoft Word. Text files will also be accepted.

Submitter bears all responsibility for the publishing of any e-mail addresses in the article on the World Wide Web.

Editor's electronic address is: lesteke@swbell.net. Be sure to include the word Starscan in the subject line for proper routing of your message.

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Lunar rover at Hadley Rill
Apollo 15, NASA