The Topography of Comet Tempel 1 as Determined From Images of the Deep Impact Mission

Jodi Gaeman
Dr. Tony L. Farnham
Dr. Michael F. A’Hearn
The Deep Impact Mission

Comet Tempel 1

Image credit: NASA/JPL-Caltech/UMD

Website: http://deepimpact.umd.edu/gallery/ITS_PressRelease2.html
Stereo Pair Images

Lake Palanskoye

Website: http://en.wikipedia.org/wiki/Stereogram

Topographic Maps

Website: http://en.wikipedia.org/wiki/Topography#Digital_elevation_modeling
Comet Tempel 1

Separation of the two spacecraft

Impact Spacecraft
(ITS Camera)

Impact

Flyby Spacecraft
(MRI Camera)

Shield Mode

Comet Tempel 1
Sample Stereo Pair

*Image credit:* NASA/UM/Cornell/ Peter Thomas

Website:
http://deepimpact.umd.edu/gallery/PT_9.html

(Images of a celestial body with identification numbers ITS173727666 and MRI172728441)
Comet Wild 2

Website:
http://stardust.jpl.nasa.gov/photo/cometwild2.html

Comet Tempel 1

Image credit: NASA/JPL-Caltech/UMD
Website:

Comet Borrelly

Website:
http://nmp.nasa.gov/ds1/images.html