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

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The Deep Impact Mission

Comet Tempel 1

Image credit: NASA/JPL-Caltech/UMD

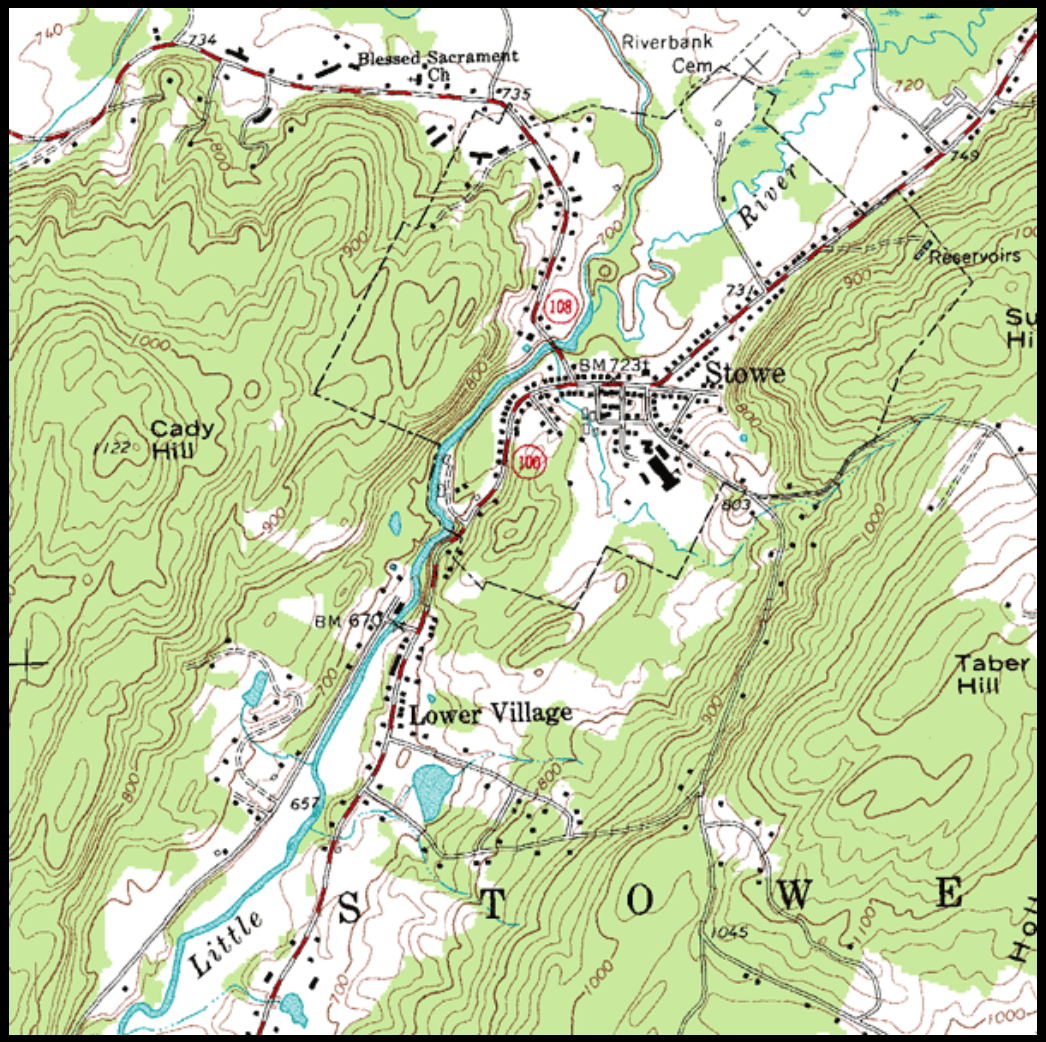
Website: http://deepimpact.umd.edu/gallery/ITS_PressRelease2.html

Stereo Pair Images

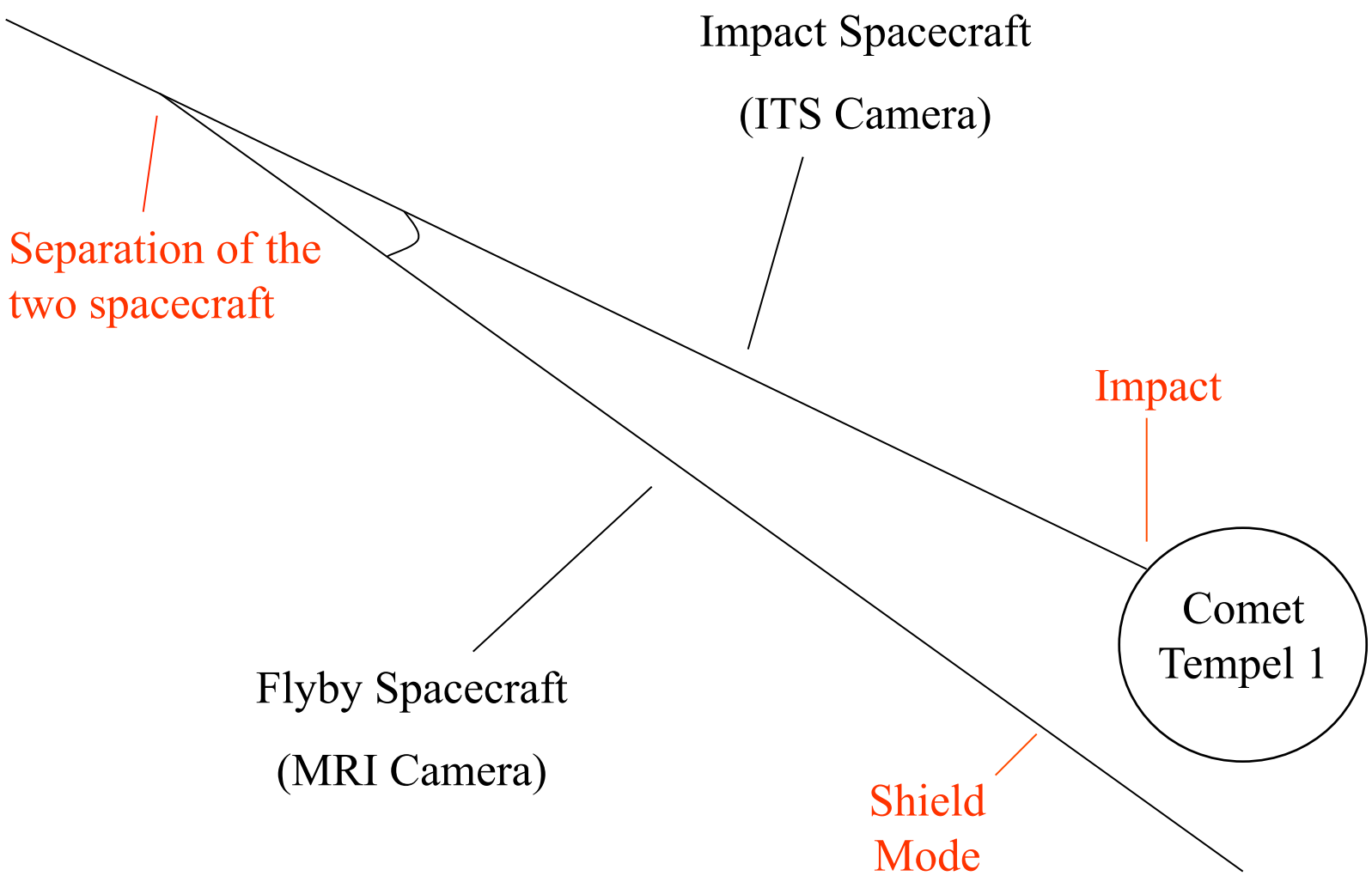
Lake Palanskoye

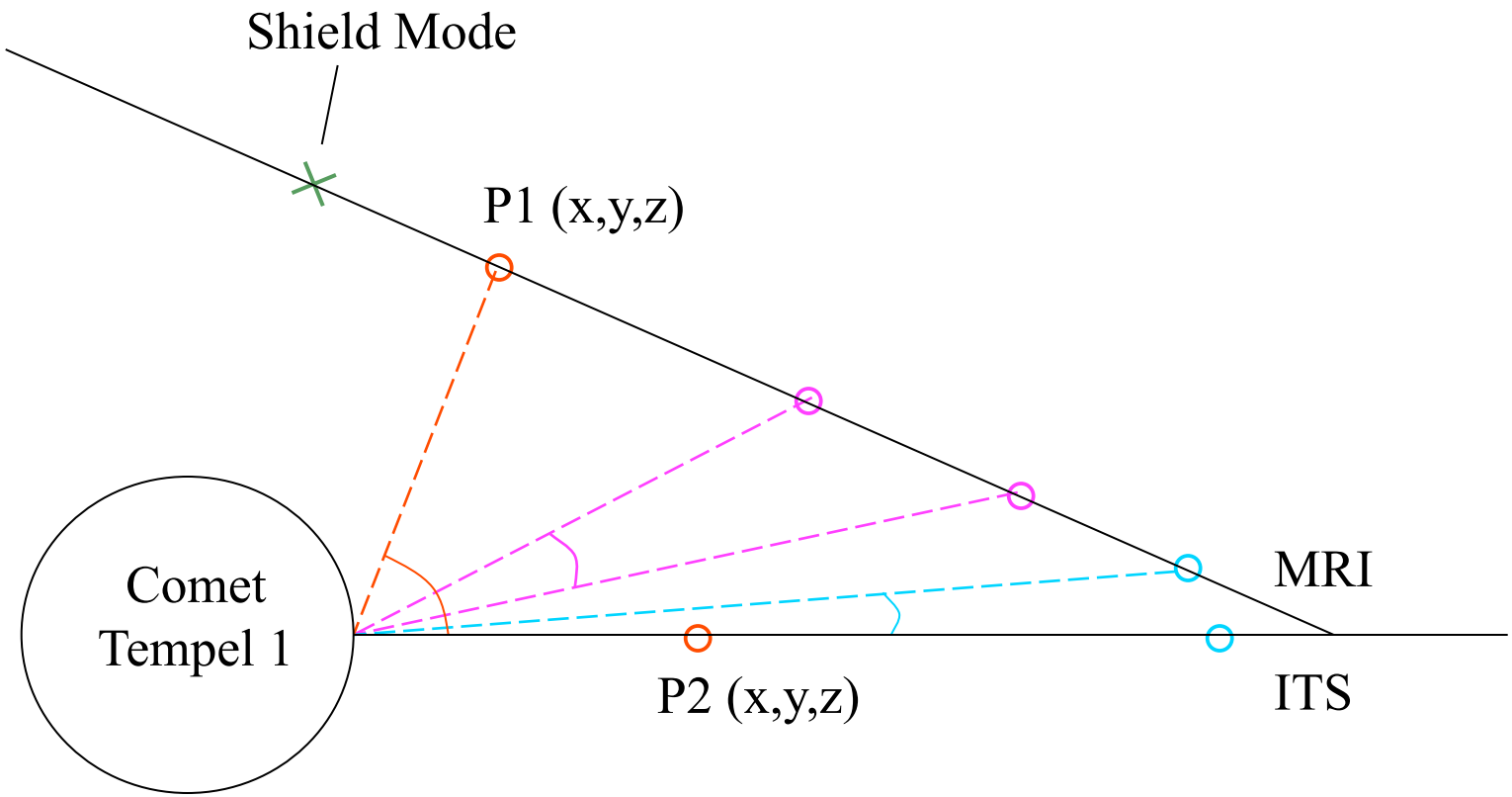
Website: http://en.wikipedia.org/wiki/Stereogram

Topographic Maps



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


Impact Spacecraft
(ITS Camera)
Separation of the
two spacecraft
Impact
Comet
Tempel 1
Flyby Spacecraft
(MRI Camera)
Shield
Mode


Shield Mode
P1 (x,y,z)
Comet
Tempel 1
MRI
P2 (x,y,z)
ITS

Sample Stereo Pair

Image credit:
NASA/UM/Cornell/ Peter Thomas

Website:

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

Comet Wild 2

Website:

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

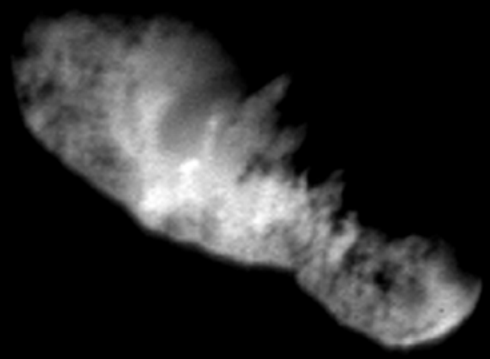
Comet Tempel 1

Image credit: NASA/JPL-Caltech/UMD

Website:

http://deepimpact.umd.edu/gallery/
ITS_PressRelease3-PIA02128.html

Comet Borrelly



Website:

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