

Image: Shadow of Surveyor 1 on the moon

June 3 2015



Credit: NASA/JPL

Surveyor 1, the first of the Surveyor missions to make a successful soft landing, proved the validity of the spacecraft's design and landing technique.

In addition to transmitting more than 11,000 pictures, Surveyor sent information on the bearing strength of the [lunar soil](#), the radar reflectivity and temperature.

This image of Surveyor 1's shadow shows it against the [lunar surface](#) in the late lunar afternoon, with the horizon at the upper right. Surveyor 1 was launched on May 30, 1966, and landed on June 2, 1966.

Provided by NASA

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