Welcome to the LADEE Archive Page

Now in PDS4

Lunar Atmosphere & Dust Environment Explorer (LADEE) Basic Mission Goals

Determine the global density, composition, and time variability of the fragile lunar atmosphere.

Determine if the Apollo astronaut sightings of diffuse emission at 10s of km above the surface were Na glow or dust.
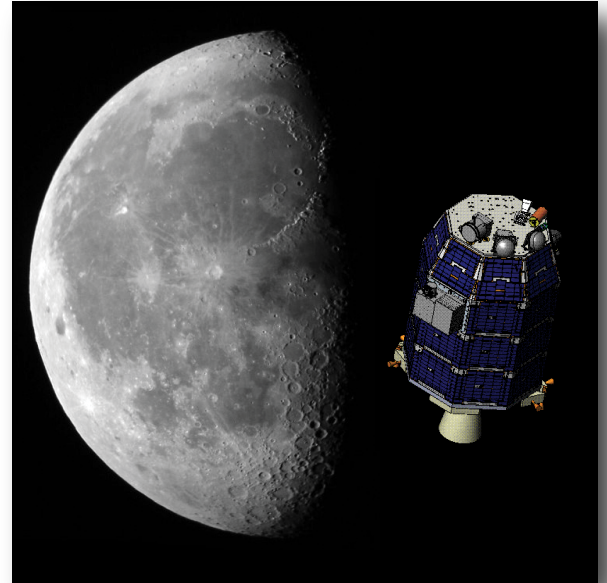
Document the dust impactor environment (size-frequency) to help guide design engineering for the outpost and also future robotic missions.

For more information on the LADEE mission see the following links:

Science Goals
Master Mission Schedule
Mission Description

PDS4 Primer:

For information on the new standards associated with PDS4 please browse the following links.

PDS4 Jumpstart Guide
PDS4 Concepts Document
PDS4 Standards

Instrumentation and Access to Data:
Archive Bundles

Each of the following archive bundles contain data collections for system context, documentation for the data, individual data collections for raw, reduced, and/or derived data products complete with calibration information where applicable.

Neutral Mass Spectrometer (NMS) data are stored as time ordered ASCII tables with supporting documentation.

Ultraviolet/Visible Spectrometer (UVS) data are stored as time ordered ASCII tables with supporting documentation.

Lunar Dust Experiment (LDEX) data are stored as time ordered ASCII tables with supporting documentation.

Lunar Laser Communications Demo (LLCD) NASA's first space-laser communications experiment was a technology payload and was not archived.