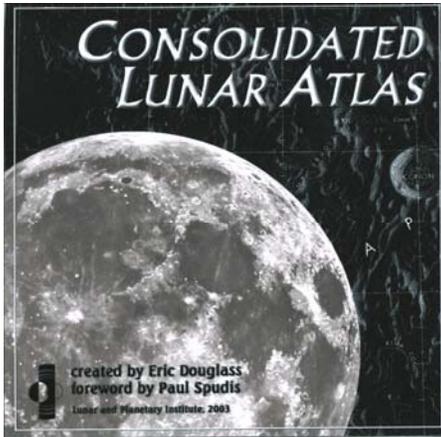


Consolidated Lunar Atlas

Lunar and Planetary Institute
Created by Eric Douglass



This two-disc set is a digital version of an atlas originally published in 1967 by the University of Arizona's Lunar and Planetary Institute. All images were taken with two telescopes: a 61-inch NASA instrument at Catalina Observatory and the US Naval Observatory's 61-inch Astrometric Reflector Telescope.

This entire atlas is also available for viewing online.

The original atlas was photographed using a Sony DSC-F707 digital camera. The resultant images were processed in Adobe Photoshop and encoded at 72-dpi, thereby being suitable for reproduction on a monitor.

All images are in either JPEG or TIFF format. Disc #1 is arranged like an online book with all navigation beginning on an index page with hypertext links. The first disc contains thumbnail and medium-resolution low-oblique and full Moon images in JPEG format, in addition to high-resolution close-ups of the low-oblique images in

TIFF format. The second disc contains high-resolution full Moon images in JPEG format as well as high-resolution low-oblique images as TIFFs. The second disc does not have any navigational aid – you just navigate using an appropriate image viewer.

For ease of use, I copied both discs to a hard drive on a desktop computer. This folder contains 1,204 files in 280 folders and occupies 1.31 GB of disc space.

Entry into the atlas is provided via a file (index.htm) on the root of the first disc. Double-clicking this file launches your default web browser (Mozilla Firefox, in my case) and loads the main page for the atlas. From this page the user can navigate to the following pages:

- Foreward by Paul Spudis
- Preface by Eric Douglass
- Credits
- Part I – Low-Oblique Photography
- Part II – Full Moon Photography
- Tabular List of Plates
- Positional List of Plates
- Thumbnails of Entire Collection
- Original CLA Booklet

Additionally, links are provided to the Digital Lunar Orbiter Photographic Atlas of the Moon and the Apollo Image Atlas.

Upon entering Part I, the user is presented with a large image of the lunar nearside with instructions to click anywhere to see the plates associated with that area. Clicking in an area displays a page containing thumbnails for that area. Clicking on a thumbnail displays a larger JPEG image and a link to a higher resolution TIFF image.

The only data supplied with the images is the specific plate number, the date of the photograph, the position of the terminator (colongitude) and the geocentric libration. As such, this is probably not the best atlas for the new lunar observer.

A copy of the original 24-page Consolidated Lunar Atlas handbook is also included. This booklet provides detailed information on the preparation of the atlas. In addition to its educational content its inclusion is a wonderful historical complement to this fine lunar resource.

Are there better lunar atlases available today? Probably so. Does this atlas contain the best lunar photography available? Probably not. Does the Consolidated Lunar Atlas belong in the library of every dedicated lunar observer? Absolutely.

The Consolidated Lunar Atlas is available from the Lunar and Planetary Institute for a nominal charge of \$10, plus \$6 for shipping.