# THE LUNAR OBSERVER

AN INDEPENDENT NEWSLETTER FOR STUDENTS OF THE MOON . . . JULY 2002
EDITED BY: Bill Dembowski - ALPO Coordinator, Lunar Topographical Studies - President, American Lunar Society
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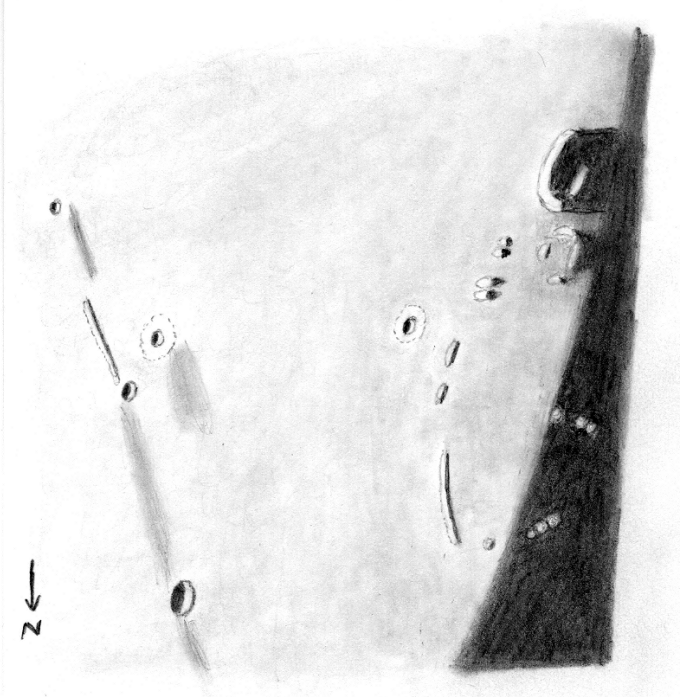
## FEATURE OF THE MONTH




### LICHTENBERG (31.8°N - 67.7°W) & NAUMANN (35.4°N – 62°W)

Sketch and Text by Robert H. Hays, Jr. – Worth, Illinois, USA
October 30, 2001 – 6 inch Newtonian – 170X – Seeing 8/10

I sketched this area on the evening of October 29/30, 2001 after the disappearance of a faint star. This is far northwest Oceanus Procellarum, south of Rumker. Lichtenberg is the most southerly of the features drawn along the terminator, and Naumann is the largest of four craters farther to the east and northeast. The east rim of Lichtenberg is complete, but the west rim is either broken, or there is a high area sticking up out of shadow. North of Lichtenberg is a small ghost ring made of four detached segments. Farther to the north and northeast are an assortment of peaks with one long ridge; most of these appear to be the remains of a large ghost ring. Neither of these two ghost rings is shown on the Lunar Quadrant Map. A short distance northeast of Lichtenberg is Lichtenberg F with a bright halo, and farther to the northeast is Naumann. South of Naumann is Naumann G and Lichtenberg B, the latter having a small, bright halo like that of Lichtenberg F. Lichtenberg H is farther south at the end of a series of wrinkles and ridges.

# Received During the Month

MICHAEL AMATO - WEST HAVEN, CONNECTICUT, USA
Ray Maps of Menelaus (3), Messier (3), Proclus (3)

DANIEL DEL VALLE - AGUADILLA, PUERTO RICO
CCD Image of Ptolemaeous Chain

ROBERT H. HAYS, JR. - WORTH, ILLINOIS, USA
Timing observations of the grazing occultation of 69 Aqr.
Photographs (2) of the Moon and 69 Agr.
Sketches of Lichtenberg & Naumann, Rosse, Suess

JOSEPH C. C. LIU – SALINAS, CALIFORNIA – USA
CCD Images of Clavius & Blancanus, Schikard, Endymion, Prinz and Montes Harbinger, Gould & Crater Chain, Isidorus & Capella, Posidonius

ALEXANDER VANDENBOHEDE – BELGIUM
Sketches of Messier A (2), Aristarchus (3), Reiner gamma, Lichtenberg

ROBERT WLODARCZYK - CZESTOCHOWA, POLAND
Sketches of Messier, Petavius, Montes Agricola & Herodotus, Copernicus, Suspected dome near Julius Caeser.

# LUNAR CALENDAR – JULY 2002 (UT)

2 . . . . 80:00 . . . . Moon at Apogee (251,164 miles – 404,193 km)

2 . . . . 17:21 . . . . Last Quarter

10 . . . . 06:26 . . . . New Moon (Start of Lunation 984)

14 . . . . 13:00 . . . . Moon at Perigee (228,570 miles – 367,838 km)

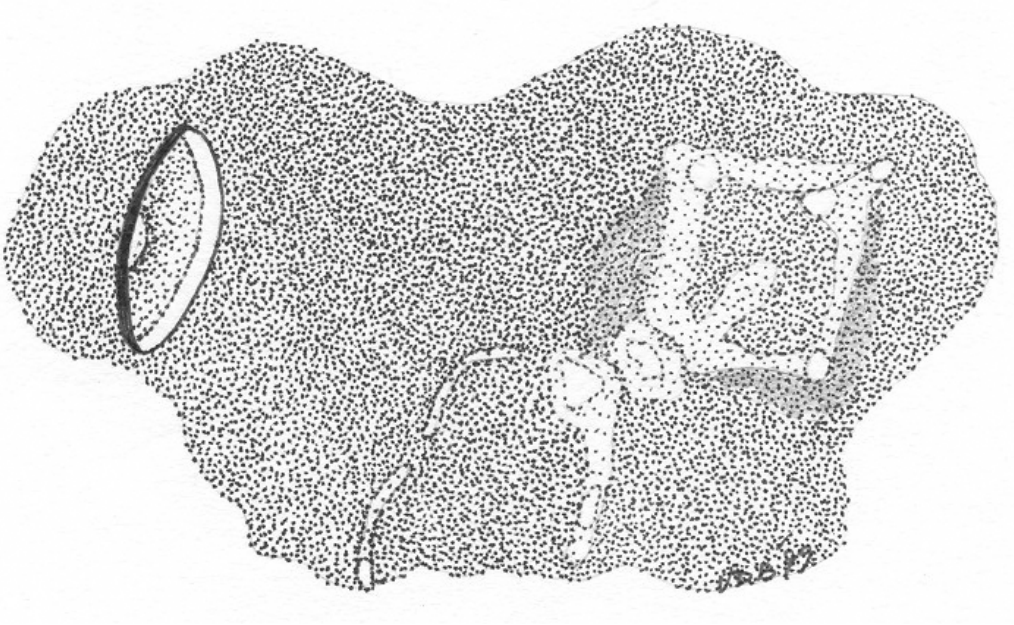
17 . . . . 04:47 . . . . First Quarter

24 . . . . 09:07 . . . . Full Moon

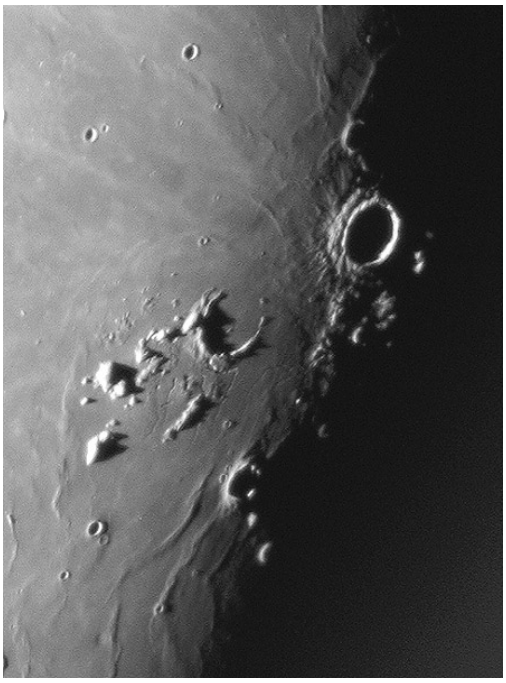
26 . . . . 09:00 . . . . Moon 4.1 Degrees SSE of Uranus

30 . . . . 02:00 . . . . Moon at Apogee (251,495 miles – 404,733 km)

# TOPOGRAPHICAL STUDIES



REINER GAMMA
Sketch by Alexander Vandenbohede – Belgium
May 28, 1999 – 114mm Newtonian – 150X



PRINZ & MONTES HARBINGER
CCD Image by Joseph H. C. Liu – Salinas, California, USA
January 25, 2002 – 20.6 cm Refractor – Nikon Coolpix

# FROM THE EDITOR:

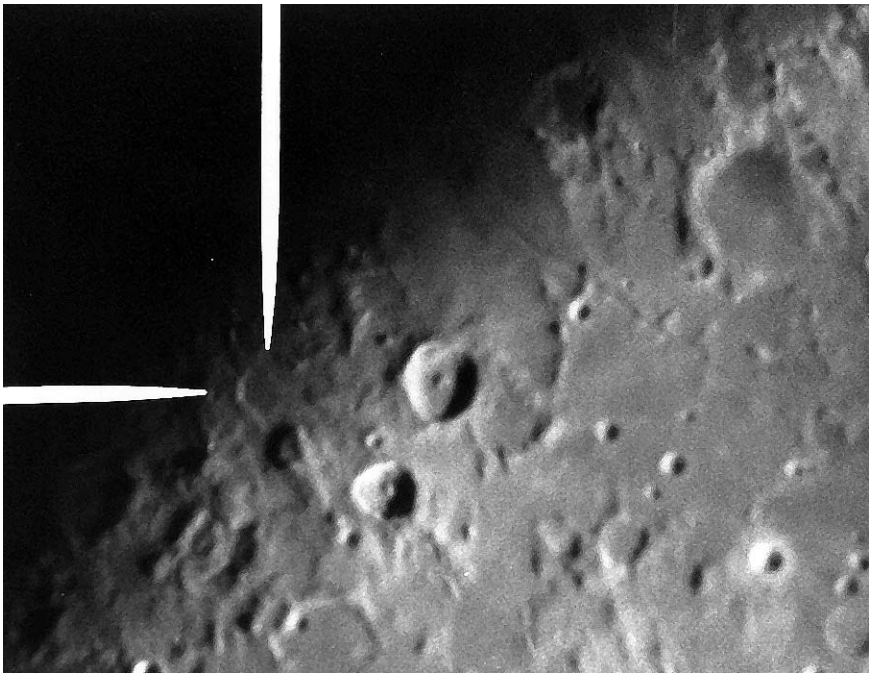
This marks the final issue of The Lunar Observer. It has been a very rewarding six years but, for personal reasons, it must now come to an end. I have also resigned from my post as A.L.P.O. Coordinator of Lunar Topographical Studies. Those who are A.L.P.O. members are encouraged to send their observations to the appropriate coordinators of that organization.

Those who are members of the American Lunar Society are encouraged to send their observations to the appropriate A.L.S. coordinators. I will continue to accept general topographical observations for the A.L.S. and edit its quarterly journal, Selenology.

Those who subscribe to the hard-copy edition of TLO will receive, with this issue, a refund check for the unused portion of their subscription.

Thanks to all who have been loyal readers of TLO through the years, and to those who contributed to its content. Without all of you, this noble experiment would not have been possible.

Clear and Steady Skies …… WMD



DEMBOWSKI (2.9$^{O}$N – 7.2$^{O}$E)
Photograph by Bill Dembowski – Elton, Pennsylvania, USA
June 1, 1990 – 10 inch SCT – f/50 1/8 sec. – T-Max 400 Film