

Rükl 7

Contents

Rükl Zone 7 - ENDYMION

- Photographic Map
- Nearside Named Features
- Farside Named Features
- Lettered Crater Locations
- Additional Information
- Linea Mercurius*
- The Hayn-Bel'kovich shadow: a curious clair-obscur phenomenon

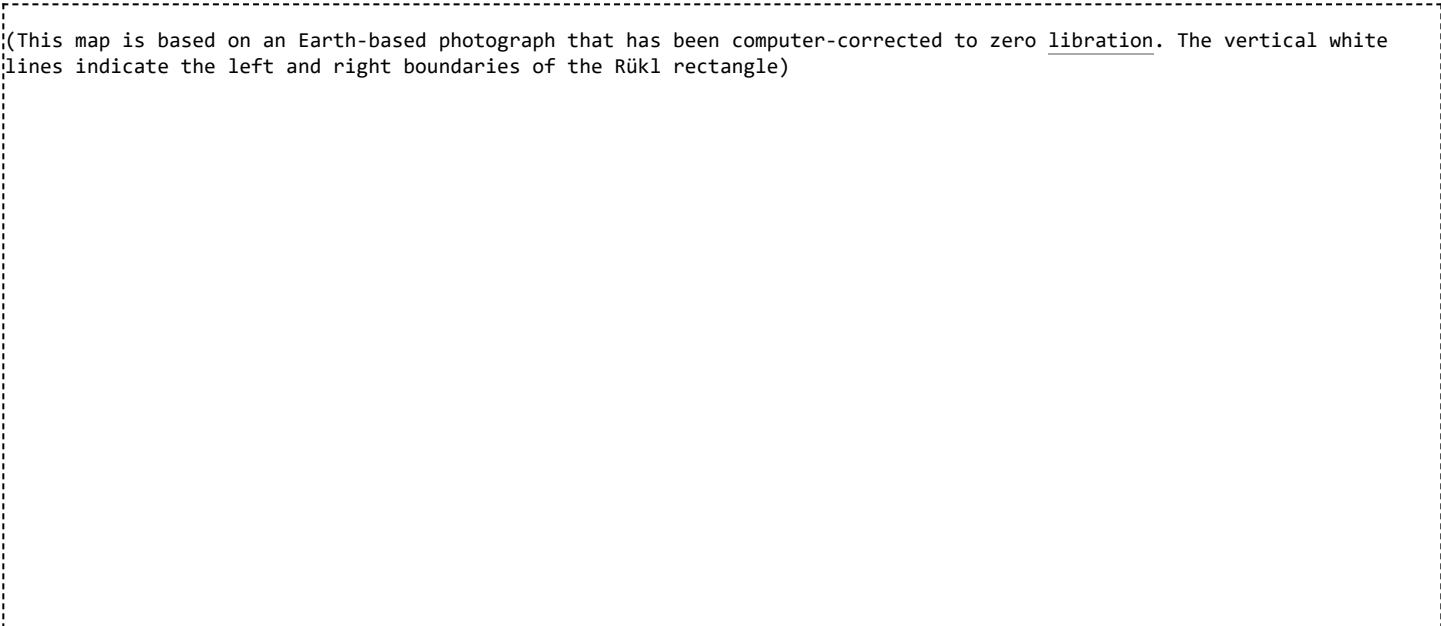
Rükl Zone 7 - ENDYMION

Neighboring maps on the Rükl Nearside Map (<http://the-moon.us/wiki/R%C3%BCkl%20Index%20Map>):

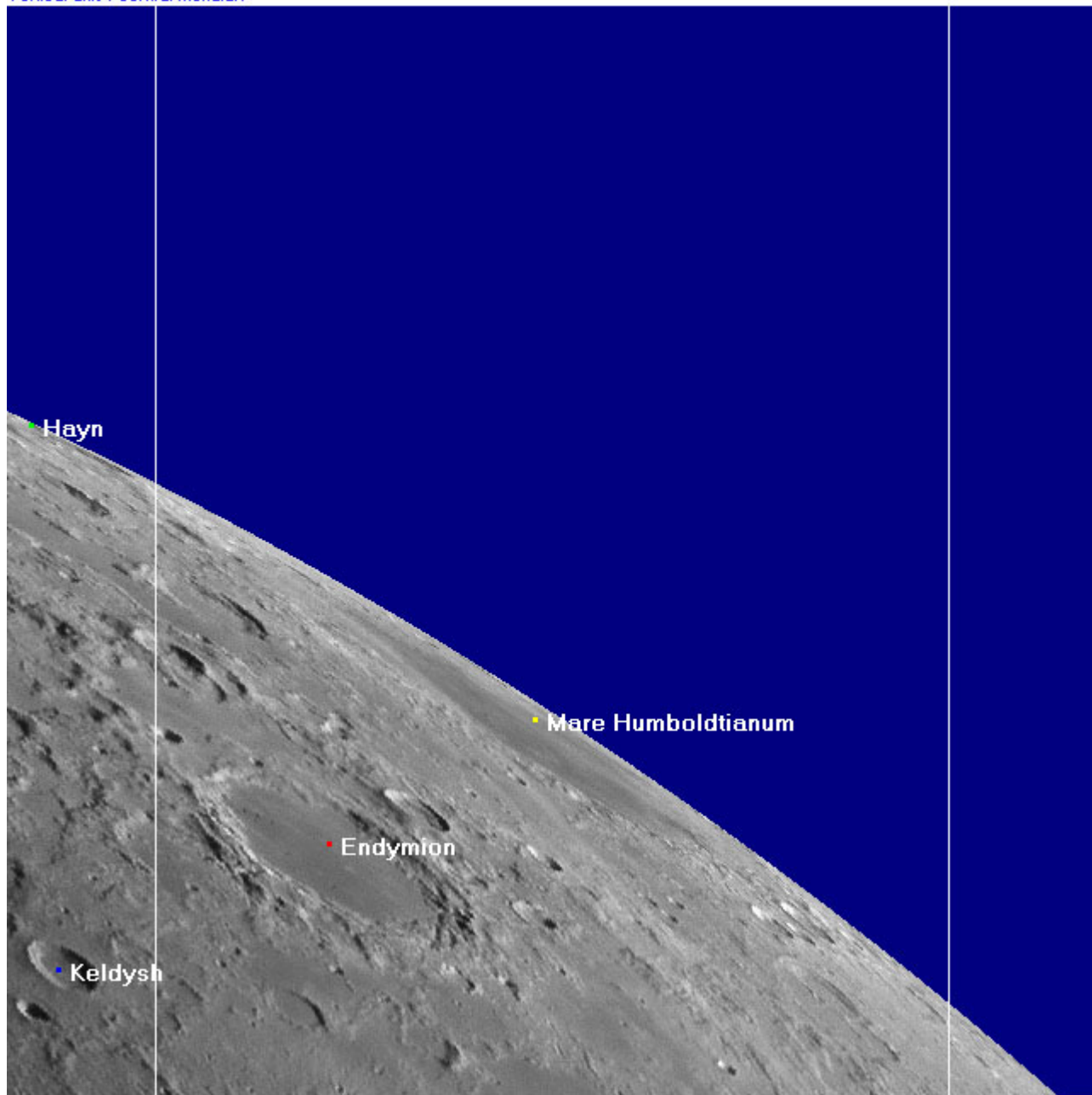
| | | |
|-----------|-----------|-----------|
| <u>6</u> | 7 | |
| <u>14</u> | <u>15</u> | <u>16</u> |

Photographic Map

(This map is based on an Earth-based photograph that has been computer-corrected to zero libration. The vertical white lines indicate the left and right boundaries of the Rükl rectangle)



LTVT Image: Sub-solar Pt = 108.985 E/1.361 N Sub-Earth Pt = 0.000 E/0.000 N XY-Center = (0.5455,0.8750) Zoom = 8.000
Vertical axis : central meridian



Texture file: Moon_20080609_1545UT.jpg

Background image [source](#)

Nearside Named Features

- **Ancient crater between Endymion and De La Rue** (see SLC map B1 (<http://the-moon.us/wiki/SLC-B1>)).
- **Andes mountains** and **Bishop mountains** (C.A.Wood's unofficial names for the inner and outer rings of **Mare Humboldtianum**).
- **Atlas P**, an irregular "crater" east-northeast of **Atlas** itself (northwest of **Lacus Temporis**) has a pronounced hill on the eastern part of its rim. According to SLC map B1, that hill received the Greek letter designation Epsilon (**Atlas Epsilon?**). See SLC-B1 (<http://the-moon.us/wiki/SLC-B1>) (*System of Lunar Craters*, 1966).
- **Endymion** (Van Langren's **Endymionis**, J.Hewelcke's **Lacus Hyperboreus Superior**) (note: **Endymion** is one of Van Langren's very few names which are still anchored at their original location).
- **Endymion's concentric crater** (a nickname from D.Caes for the concentric crater southwest of **Endymion**).

- **Endymion's triplet** (a nickname from D.Caes for the curious row of three craterlets on the floor of **Endymion**, which seems to have been discovered by Major Molesworth in 1894, see page 159 of T.W.Webb's *Celestial Objects for Common Telescopes, Volume 1: The Solar System*).
- **Fredericos** (F.C.Lamech's disallowed name for **Endymion A**).
- **Hayn-Bel'kovich shadow** (an unofficial name from D.Caes for a curious clair-obscur phenomenon near **Hayn** and **Bel'kovich**, see Additional Information below).
- **Lacus Temporis** (a small section of the northern part of it, depicted at the central part of the lower margin of Chart 7).
- **L.F.Ball** (a disallowed name from H.P.Wilkins for **Endymion B**).
- **Linea Mercurius** (an unofficial name from B.Arnett, see Additional Information below).
- **Mare Humboldtianum** (Van Langren's **Pappi**, J.Hewelcke's **Palus Amadoca**, Riccioli's **Zoroaster**).
- **Regiomontani** (Van Langren's disallowed name for **Endymion C**).
- **Terra Honoris/ Terra Sapientiae** (two of Van Langren's disallowed names for the north-northeastern limb regions, it is not known if **Mare Humboldtianum** (Van Langren's **Pappi**) was included in **Terra Honoris** or **Terra Sapientiae**).
- **Terra Vitae** (Riccioli's discontinued name for the region on the whole of Chart 7).

Farside Named Features

(The following features are not formally included in the present R  kl rectangle, but they are adjacent to it and their centers are less than 10   beyond the mean limb -- so they may be seen here in whole or in part with a favorable libration)

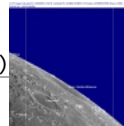
- **Bel'kovich** (see clair-obscur phenomenon described below).
- **Compton**
- Compton-Bel'kovich Volcanic Complex (<http://the-moon.us/wiki/Compton-Belkovich%20Volcanic%20Complex>) (informal name, also known as **CBVC**).

Lettered Crater Locations

(click on the thumbnails to display full-sized images; use browser BACK button to return - the dashed white lines are the midpoints of the R  kl zones)

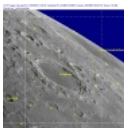
Full zone with lettered craters:

(http://the-moon.us/wiki/file/detail/Rukl_7_satellites.jpg)

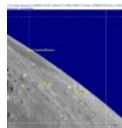


Lettered craters by quadrants:

(http://the-moon.us/wiki/file/detail/Rukl_7_satellites_SW.jpg) (http://the-moon.us/wiki/file/detail/Rukl_7_satellites_SE.jpg)



South West



South East

Additional Information

- Other online descriptions of features in this RükI map section:
 - [UAI guide \(http://www.planetmoon.org/tavola07.htm\)](http://www.planetmoon.org/tavola07.htm)
 - [Hitchhiker's Guide \(http://www.shallowsky.com/moon/rukI07.html\)](http://www.shallowsky.com/moon/rukI07.html)

Linea Mercurius

Seems to be an unofficial name from moonobserver Bill Arnett for a curious formation near crater **Mercurius**. I have to investigate this, because I don't know the pinpoint location of it, nor its dimensions... - DannyCaes Oct 2, 2015

The Hayn-Bel'kovich shadow: a curious clair-obscur phenomenon

This is the region of the curious clair-obscur phenomenon *Hayn-Bel'kovich shadow*, always observable one or two days before Full Moon, when the morning terminator is close to the western limb, but... it's a *wrong* shadow because its appearance is too soon, it should be visible about one or two days AFTER Full Moon!
- DannyCaes Sep 12, 2015

Retrieved from "http://the-moon.us/index.php?title=RükI_7&oldid=18349"

This page was last edited on 22 April 2018, at 20:20.