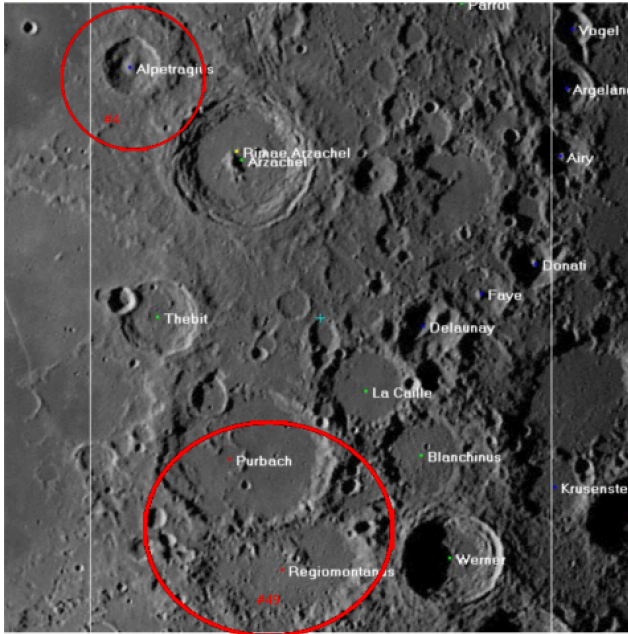


#004 Alpetragius

#049 Regiomontanus & Regiomontanus A

Rukl Index Map(s) # 55



The image below is cropped from my image A957 20171127 Day 8.7



[https://en.wikipedia.org/wiki/Alpetragius_\(crater\)](https://en.wikipedia.org/wiki/Alpetragius_(crater))

Alpetragius is a [lunar impact crater](#) located on the eastern edge of [Mare Nubium](#), to the southwest of the much larger crater [Alphonsus](#). In the southeast is the prominent crater [Arzachel](#), and to the west lies the flooded [Lassell](#).

The most notable feature of this crater is the disproportionately large central peak, which forms a rounded rise that occupies almost the entire crater floor—one-third the crater diameter—and rises to a height of 2.0 km. There is evidence that this peak has been enlarged through [volcanic eruptions](#), and there appears to be an eroded vent at its summit. The rim has fine terraces that slope down to near the edge of the central rise along the south and east sides. This outer wall is nearly round, with slight protrusions on the north and west sides.

The outer rim is joined to the southwest rim of Alphonsus by a rise in the surface. An arc of craterous depressions from the south rim of Alphonsus curves to the west, dividing Alpetragius from Arzachel crater. To the west-northwest is the crater-like outline of Alpetragius X, now flooded by the [mare](#) and overlain across the east by ejecta from Alpetragius.

[https://en.wikipedia.org/wiki/Regiomontanus_\(crater\)](https://en.wikipedia.org/wiki/Regiomontanus_(crater))

Regiomontanus is an ancient lunar [impact crater](#) located in the southern highlands region to the southeast of [Mare Nubium](#). It is joined at the chaotic northern rim by the crater [Purbach](#) and the southwestern rim by the crater [Deslandres](#), and to the south-southeast is [Walther](#).

From that location, the Earth appears at around 62 degrees from the horizon facing north. Also the sun rises during the third quarter of Earthshine and the sun sets during its first quarter.