

# Lunar Occultation of Venus

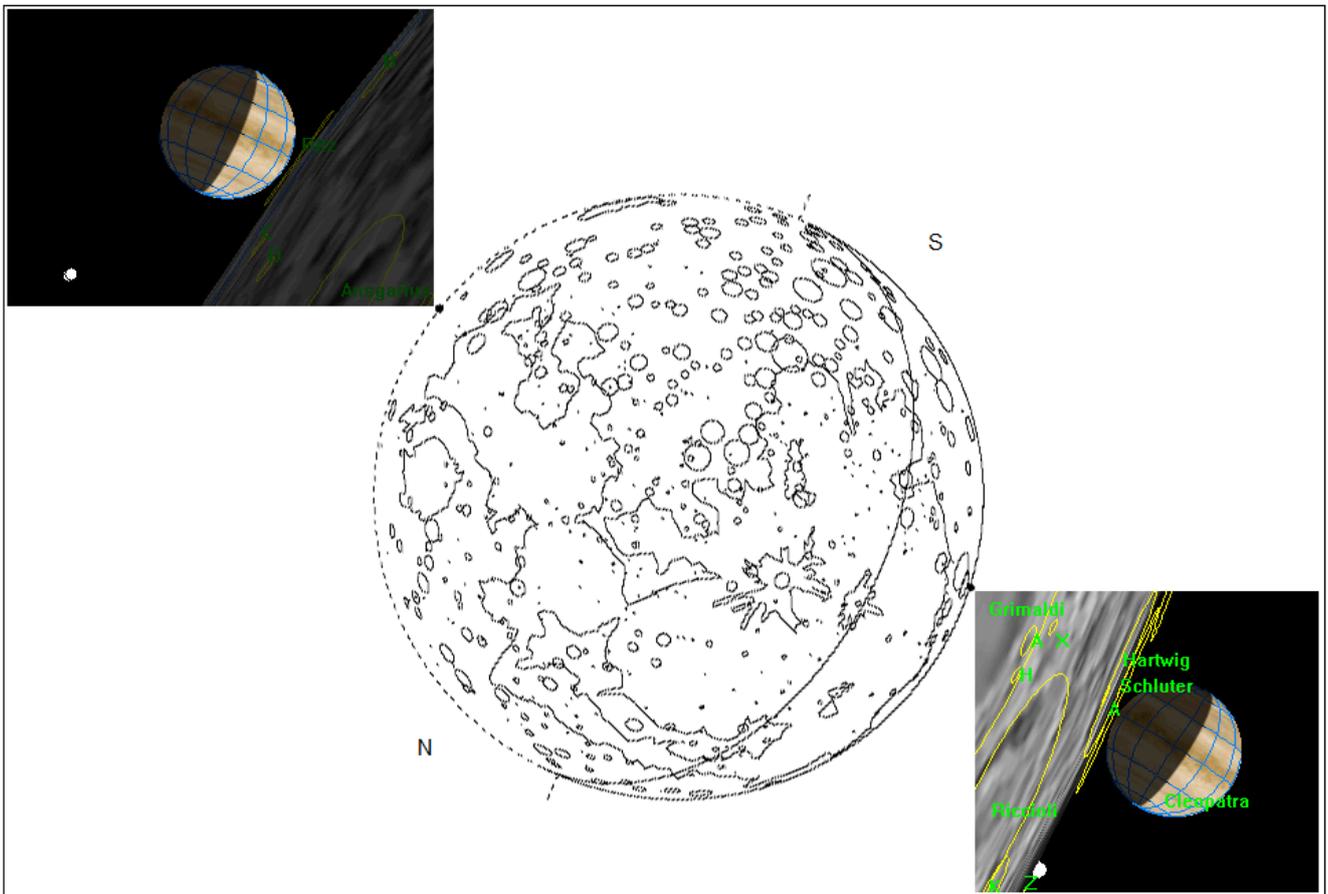
Dave Gault

Venus will be occulted by the moon on 8<sup>th</sup> October (= Friday morning 9<sup>th</sup> October).

The Disappearance will occur at the bright limb around 18:24 UT (= 5:24 am). The duration of the disappearance is 72 seconds<sup>1</sup>, however due to the presence of the lunar lit limb, the unlit limb of Venus will not be seen, so only the crescent of Venus will be seen to be occulted.

The Reappearance will occur at the unlit limb around 19:49 UT (= 6:49 am). The duration of the reappearance is 85 seconds, however the sun will be up and at an altitude of 5 degrees and both the unlit limbs of the Moon and Venus will be invisible and the Crescent of Venus will be seen to reappear “in thin blue air”. **Care must be taken if observing this part of the event with the Sun in the sky. Under no circumstances should the telescope be pointed towards the Sun.**

Shown below is an Alt/Az view as seen from the latitude of Sydney. The Moon Map is from Occult. The inset images of Venus at the lunar limb are from Guide8.



For exact timings please email the author with the latitude and longitude of your site and he will send you Occult Predictions. See <http://www.kuriwaobservatory.com/index.html>