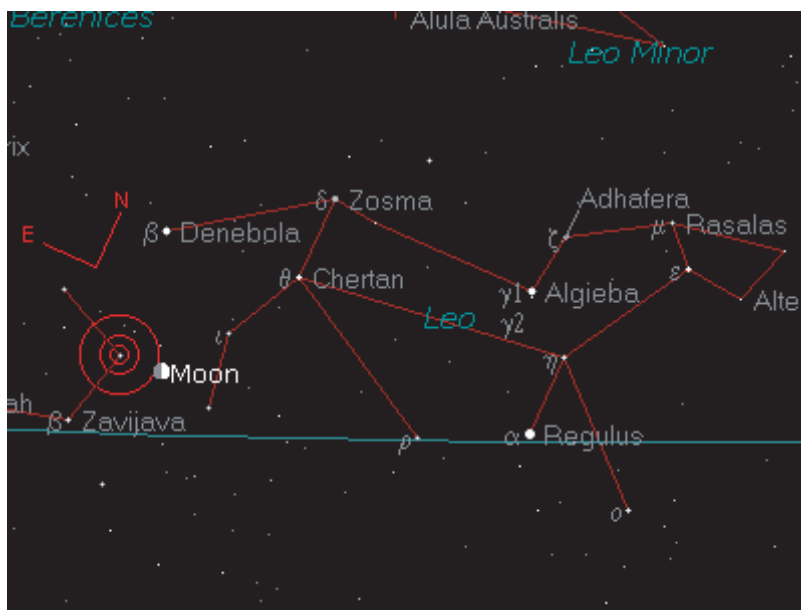


REPORT 03 DIARY NO. -567

Nebuchadnessar Year 37 Month 1 Day 8
Julian Year -567 (568 BCE) Apr 29

Time: Sunset 6:34 pm
View: The Moon

Diary Line 3: *Night of the 9th (error for 8th), beginning of the night, the moon stood 1 cubit in front of β Leonis.*



Sunset Apr 29, -567: the moon stood 2° (1 cubit) in front of Denebola

Comments: The red stick figure in the Skyshot is the constellation Leo the lion. β Leonis is the star Denebola at the end of the lion's tail.

The moon moves night after night along the ecliptic (the blue horizontal line.) It passes near Denebola on April 29 (Day 8 - not on Day 9 as the Babylonian scribe erroneously recorded). It is in front (to the west) of the star, as recorded in the Diary. TheSky computes that the moon is $2^\circ 40'$ west of Denebola (the distance from the moon to the center of the red target in the Skyshot.) The Diary records a distance of 2° (1 cubit). Setting aside the scribal error, the mismatch is $0^\circ 40'$ - about 3 minutes.