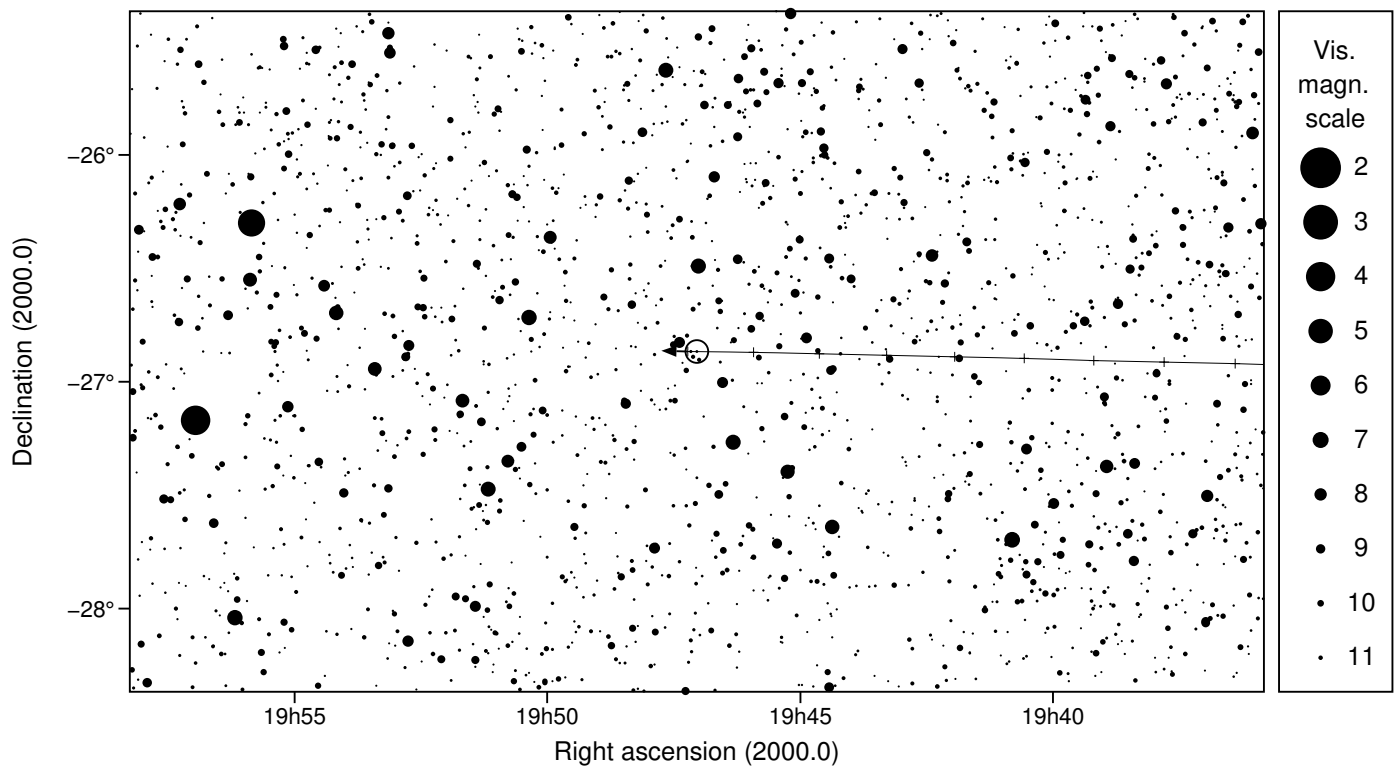
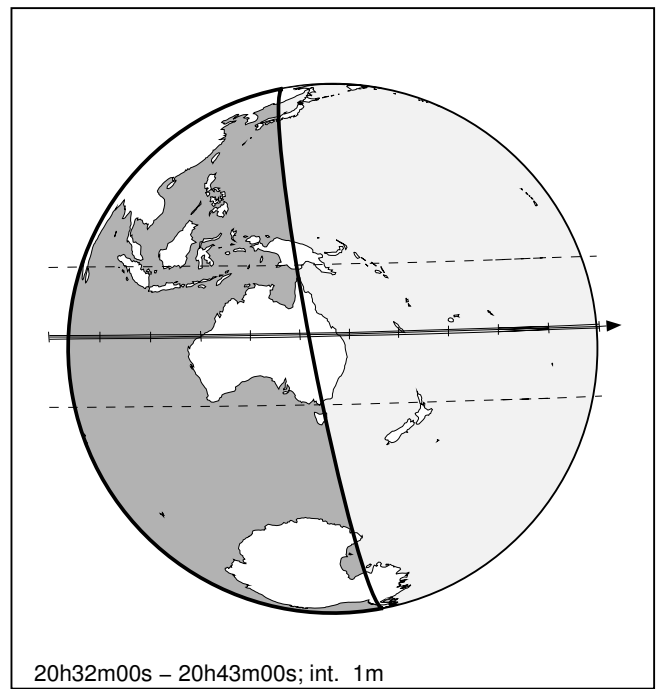
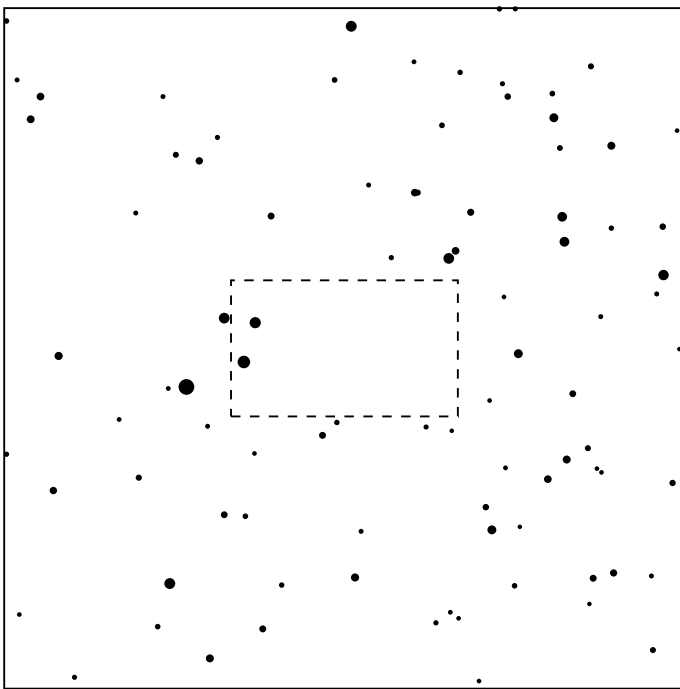


# 454 Mathesis & UCAC4 316-233423

2020 apr 8 20<sup>h</sup>37.7<sup>m</sup> U.T.

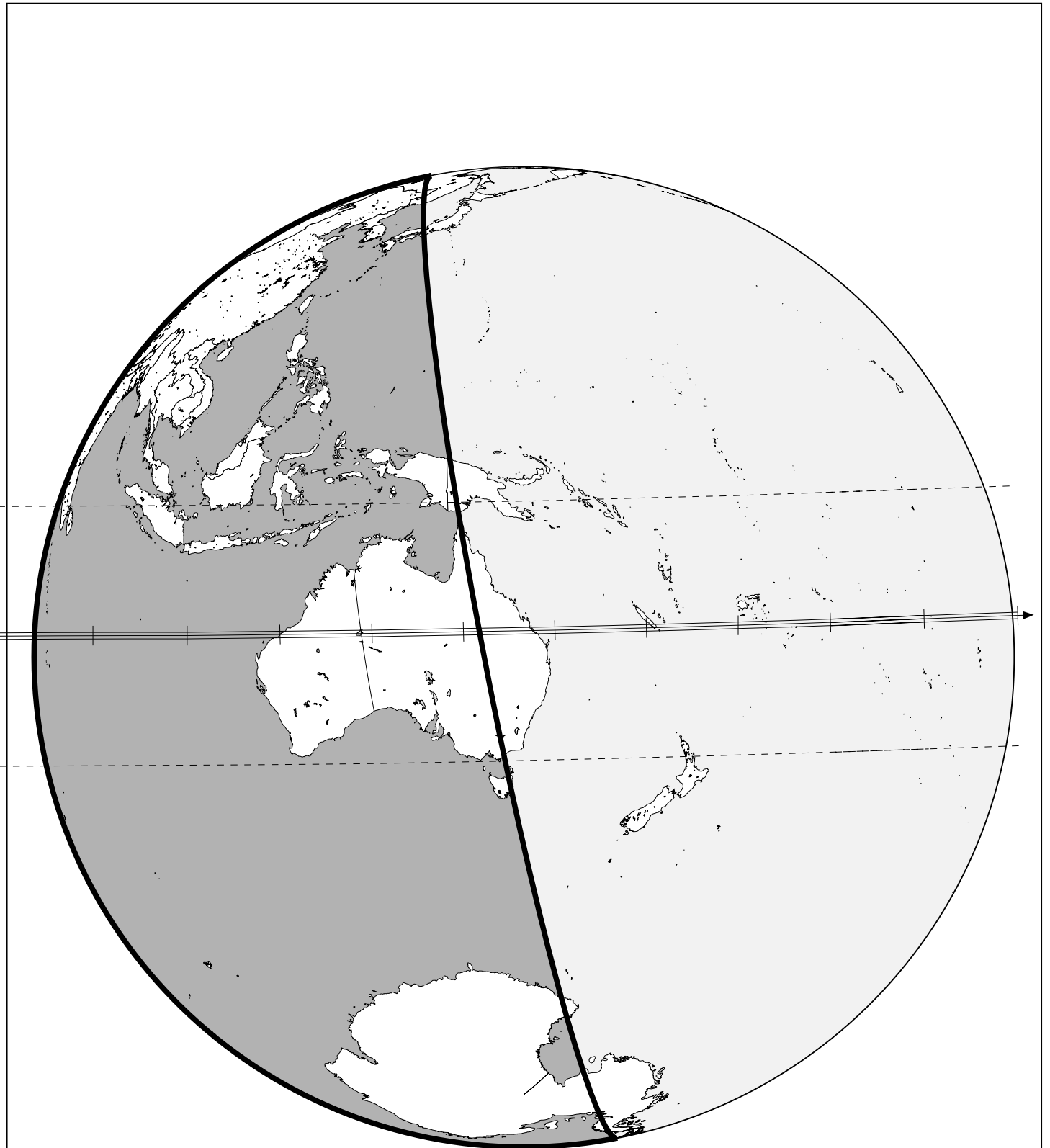
**Planet:**  $a = 2.63, e = 0.11$   
 V. mag. = 14.12    Diam. = 84.5 km = 0.05"  
 $\mu = 43.17''/h$      $\pi = 3.77''$     Ref. = EG2018  
 $\Delta m = 2.3$     Max. dur. = 4.2s

**Star:**    Source cat. GDR2a  
 $\alpha = 19^h47^m02.507^s$      $\delta = -26^\circ51'57.59''$   
 Vmag = 11.97    Bmag = 12.68  
 Sun : 85°    Moon : 84° , 99%



# 454 Mathesis & UCAC4 316-233423

2020 apr 8 20<sup>h</sup>37.7<sup>m</sup> U.T.



20h32m00s – 20h43m00s; int. 1m