

# 471 Papagena & TYC 4702-00748-1

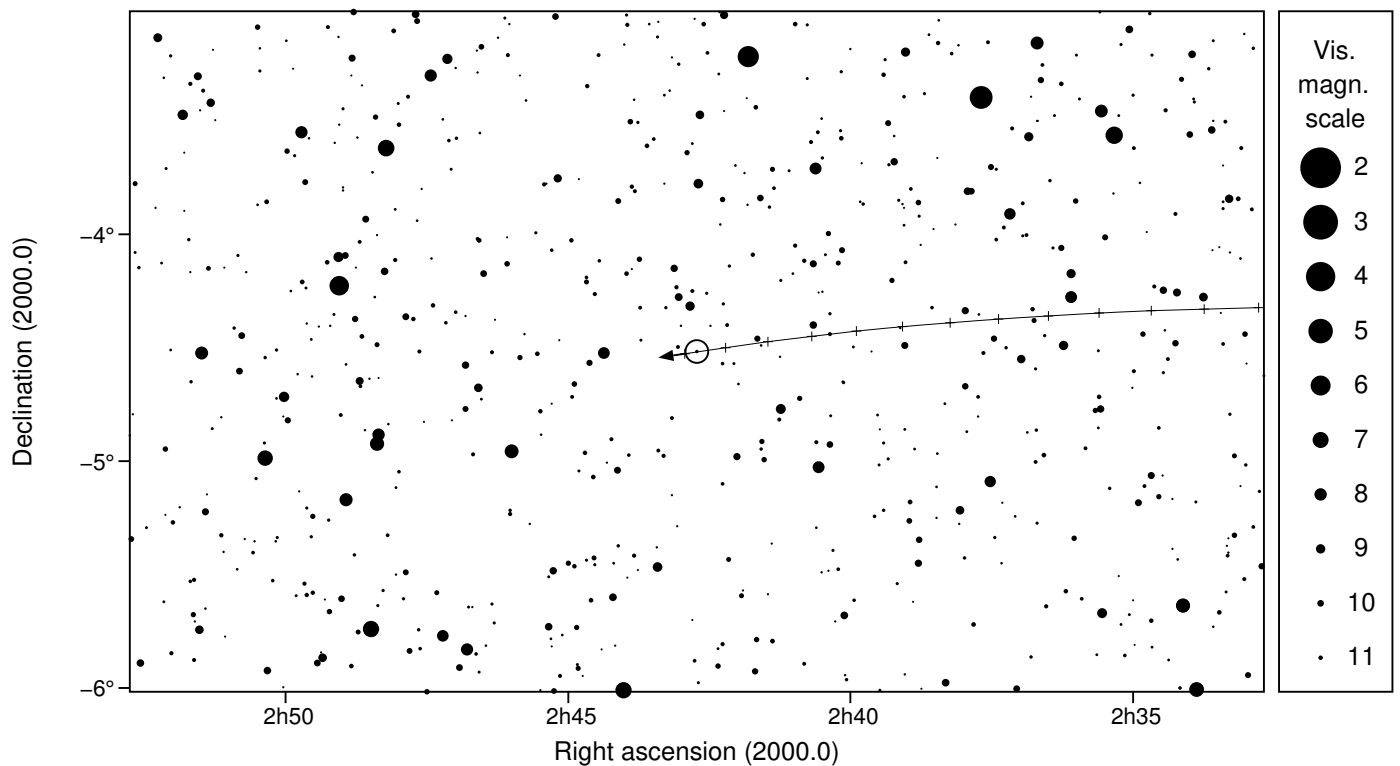
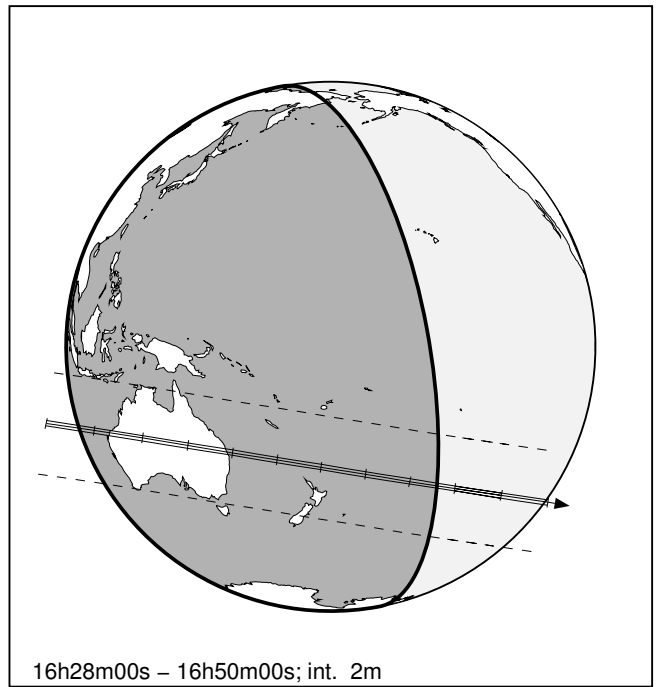
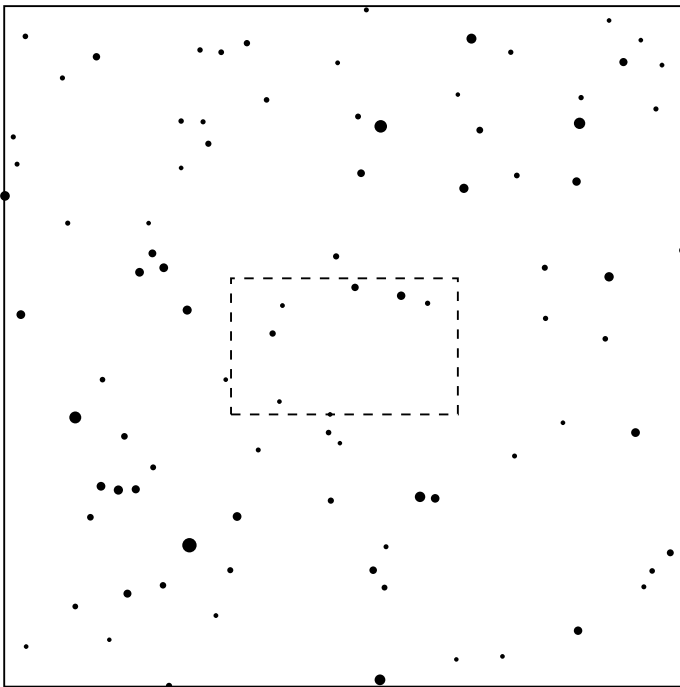
2020 aug 22 16<sup>h</sup>39.6<sup>m</sup> U.T.

**Planet:**  $a = 2.89, e = 0.23$   
 V. mag. = 10.53    Diam. = 127.0 km = 0.10"  
 $\mu = 27.28''/h$      $\pi = 5.16''$     Ref. = EG2018

**Star:**    Source cat. GDR2a  
 $\alpha = 2^h42^m43.188^s$      $\delta = -4^\circ30'54.14''$   
 Vmag = 11.61    Bmag = 11.85

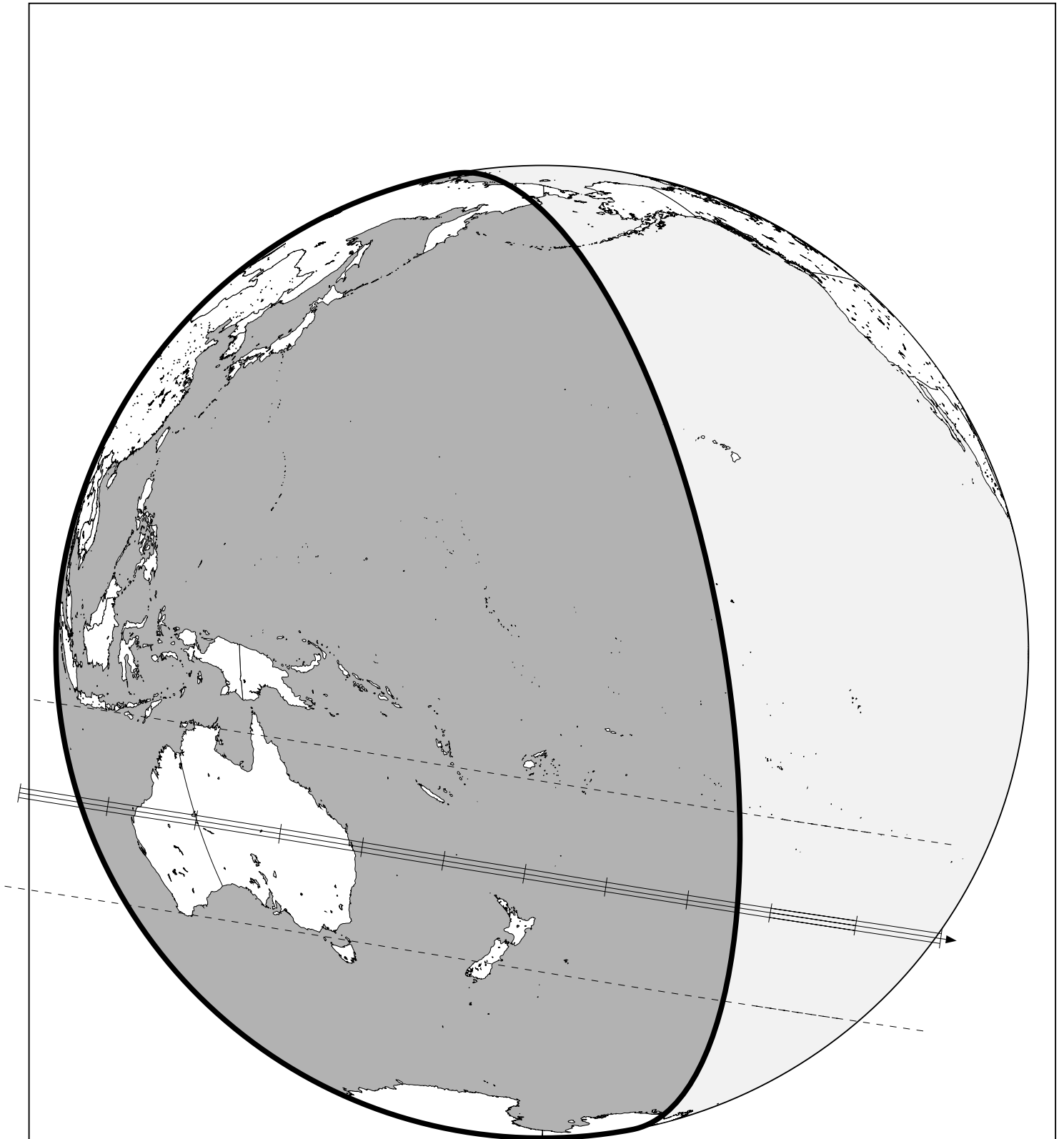
$\Delta m = 0.3$     Max. dur. = 13.6s

Sun : 111°    Moon : 157° , 17%



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16h28m00s - 16h50m00s; int. 2m