

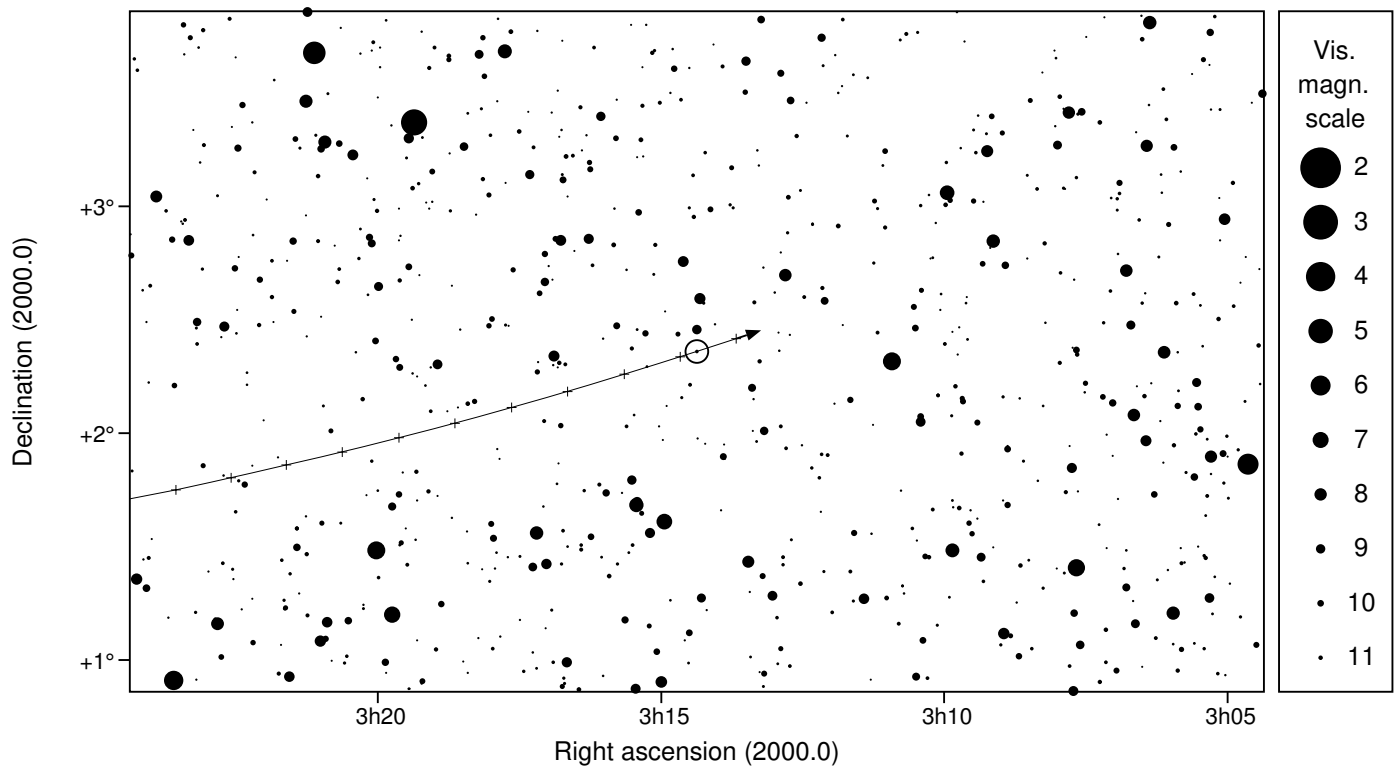
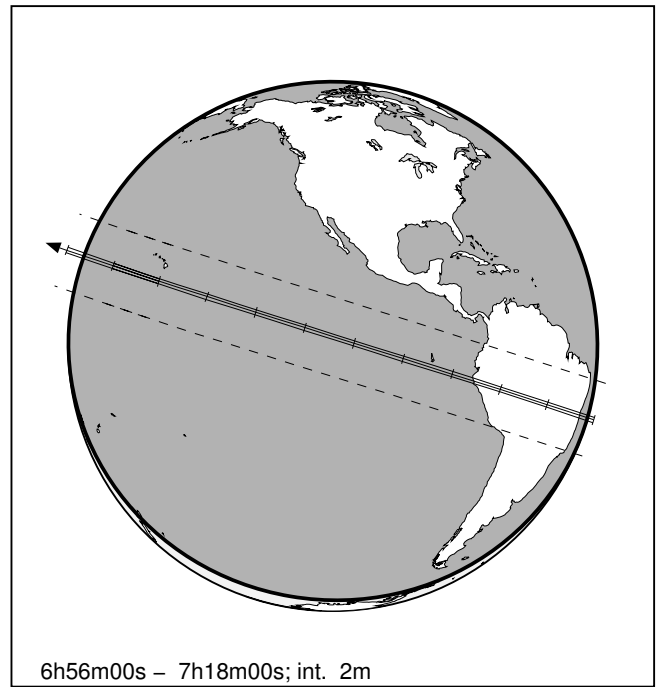
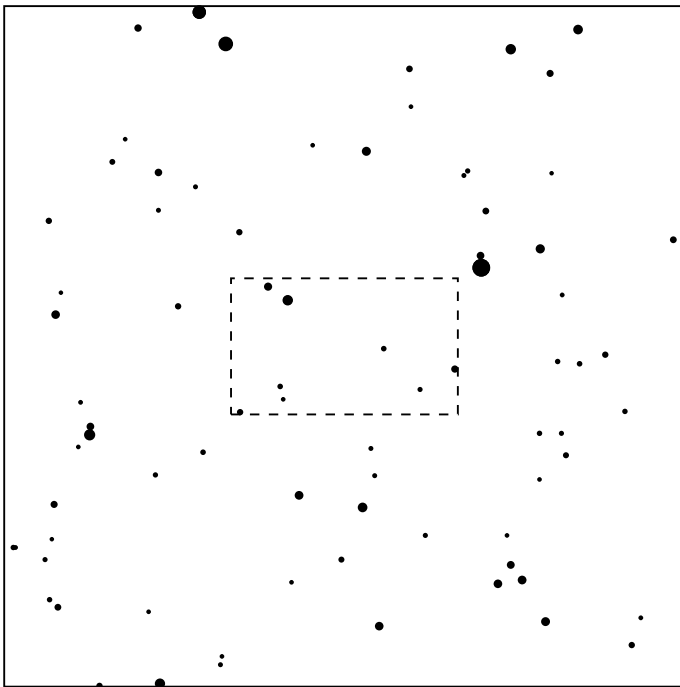
# 471 Papagena & UCAC4 462-004441

2025 nov 16 7<sup>h</sup> 6.7<sup>m</sup> U.T.

**Planet:**  $a = 2.89, e = 0.23$   
 V. mag. = 9.37    Diam. = 127.0 km = 0.14"  
 $\mu = 38.96''/h$      $\pi = 6.94''$     Ref. = EG2023

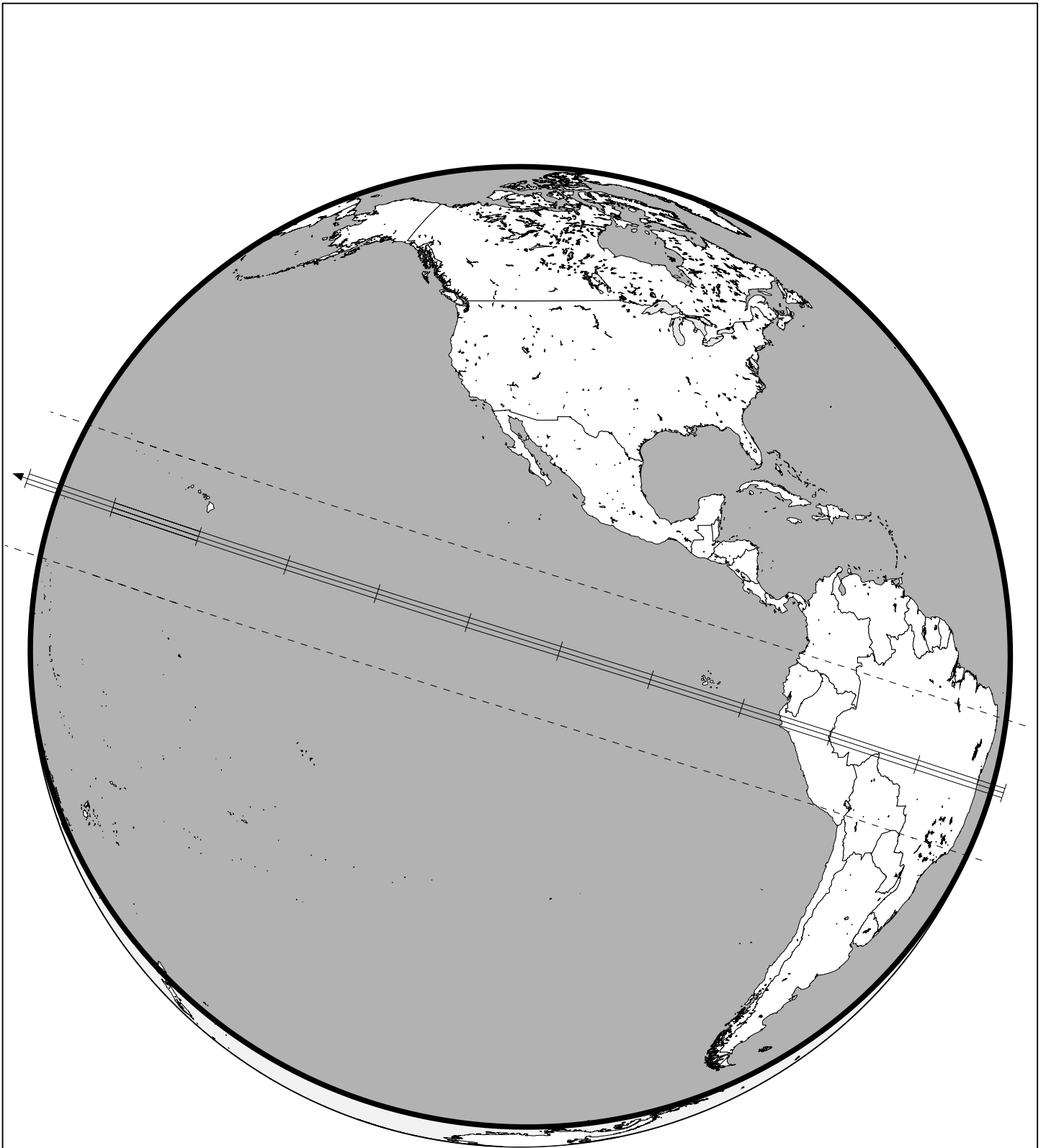
**Star:**    Source cat. DR3  
 $\alpha = 3^h 14^m 22.027^s$      $\delta = +02^\circ 21' 33.53''$   
 Vmag = 11.51    Bmag = 11.89

$\Delta m = 0.1$     Max. dur. = 12.8s    Sun : 163°    Moon : 140°, 14%



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2025 nov 16 7<sup>h</sup> 6.7<sup>m</sup> U.T.



6h56m00s - 7h18m00s; int. 2m