

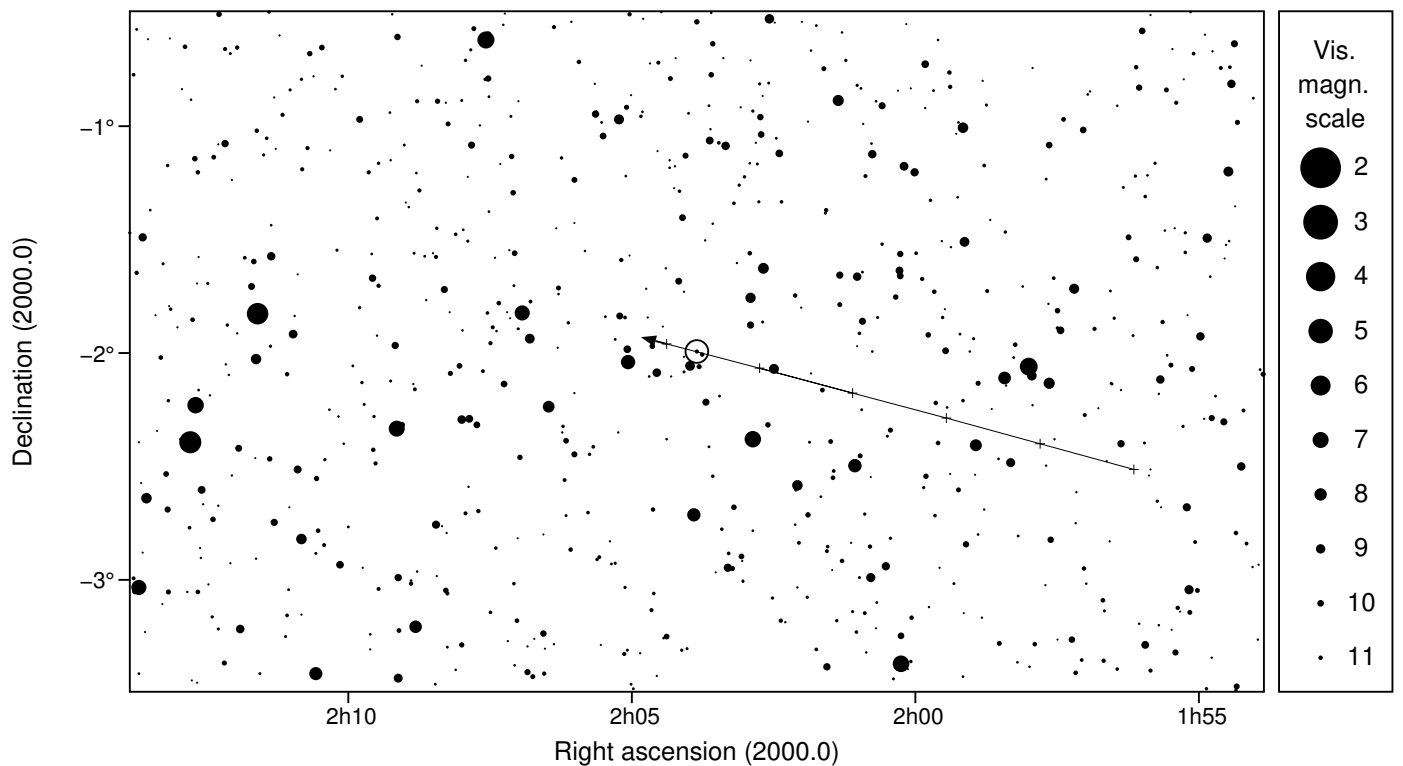
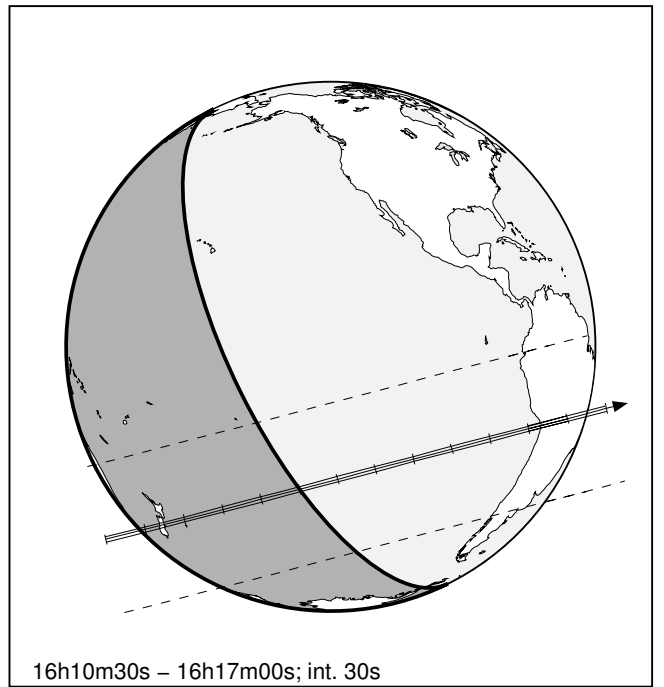
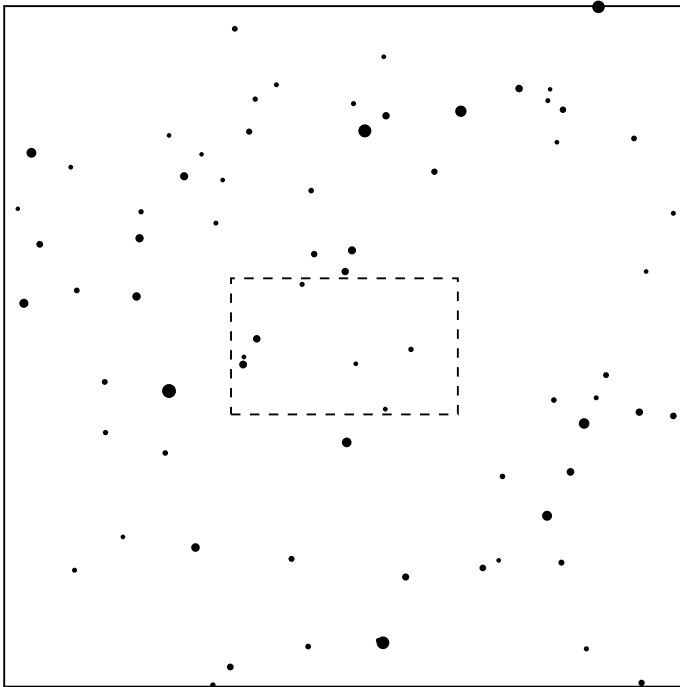
# 471 Papagena & TYC 4689-00413-1

2025 jun 26 16<sup>h</sup>13.8<sup>m</sup> U.T.

**Planet:**  $a = 2.89, e = 0.23$   
 V. mag. = 11.39    Diam. = 127.0 km = 0.07"  
 $\mu = 63.50''/h$      $\pi = 3.52''$     Ref. = EG2023

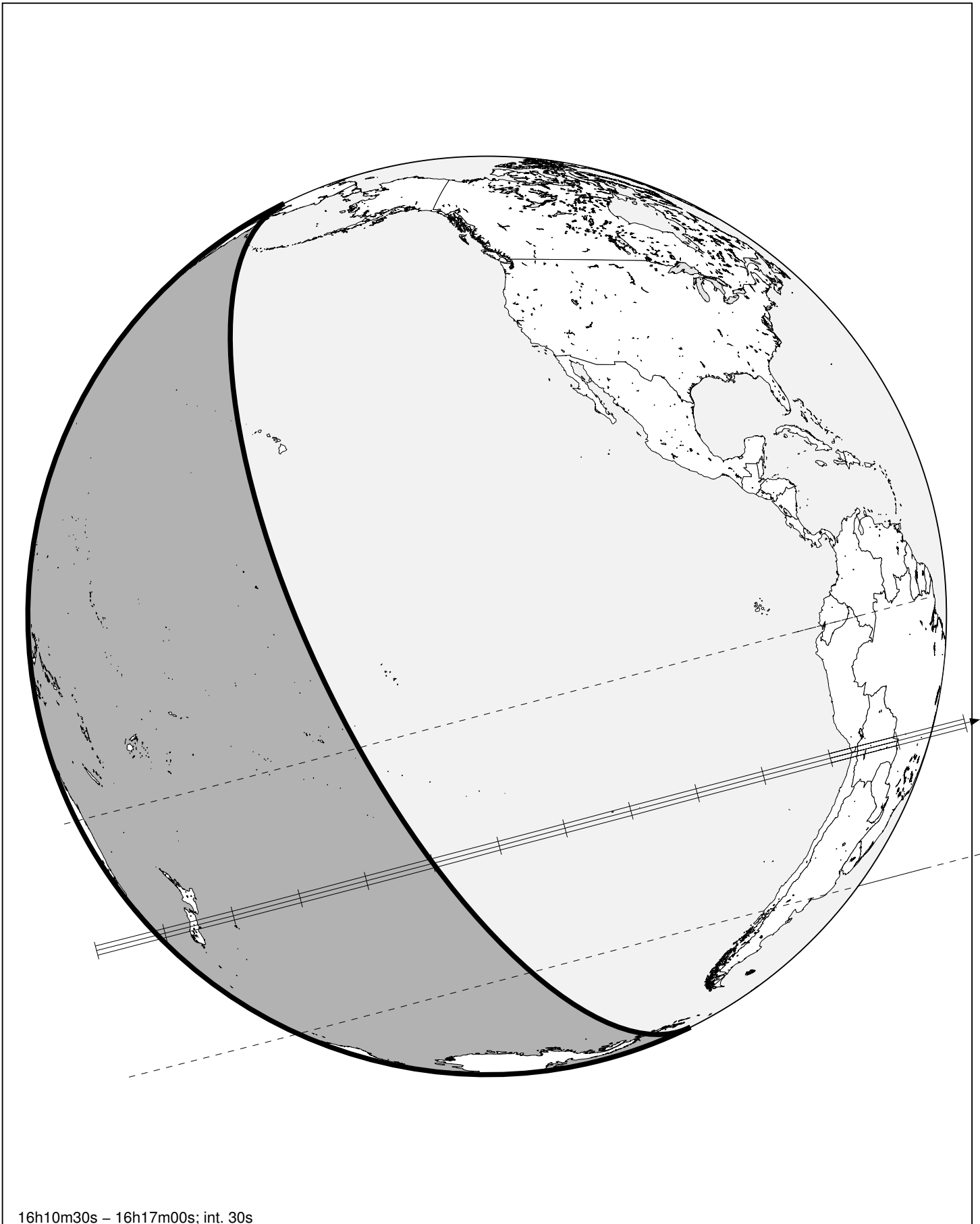
**Star:**    Source cat. DR3  
 $\alpha = 2^h03^m51.148^s$      $\delta = -01^\circ59'31.45''$   
 Vmag = 11.12    Bmag = 11.44

$\Delta m = 0.9$     Max. dur. = 4.0s    Sun : 67°    Moon : 85° , 2%



# 471 Papagena & TYC 4689-00413-1

2025 jun 26 16<sup>h</sup>13.8<sup>m</sup> U.T.



16h10m30s – 16h17m00s; int. 30s