

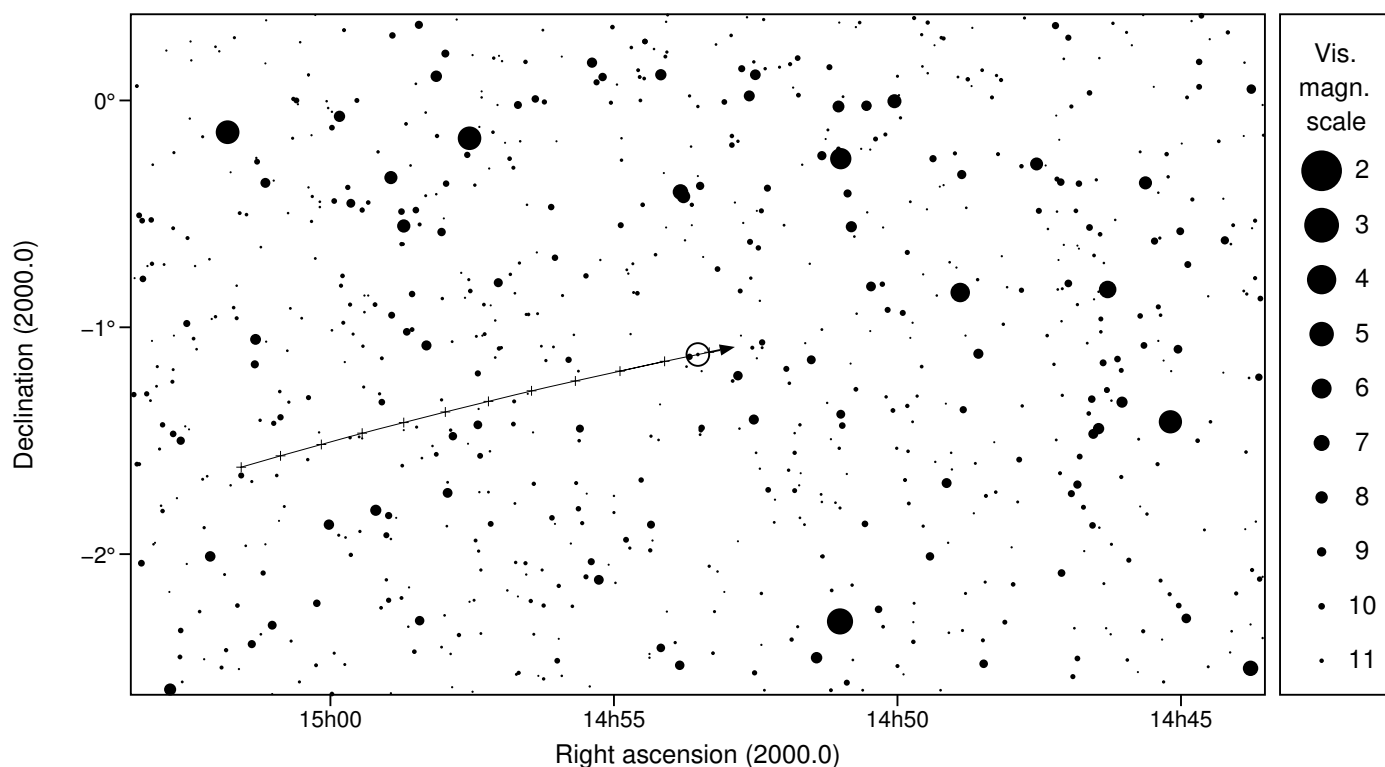
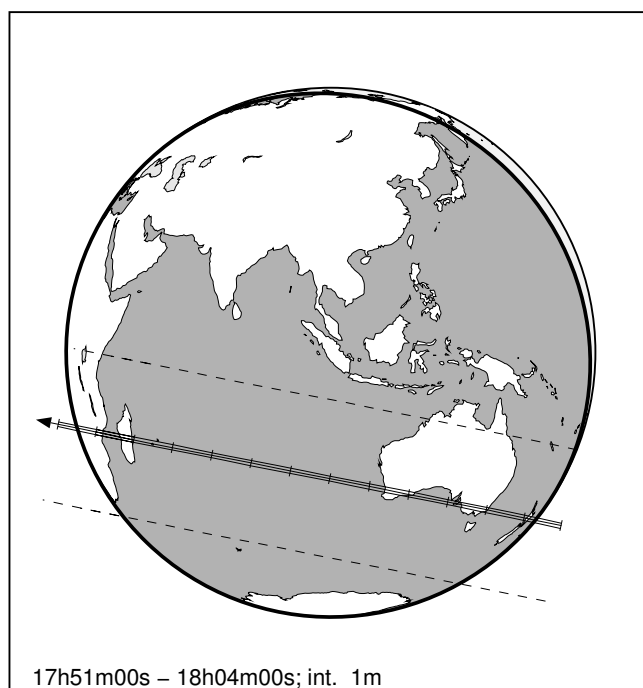
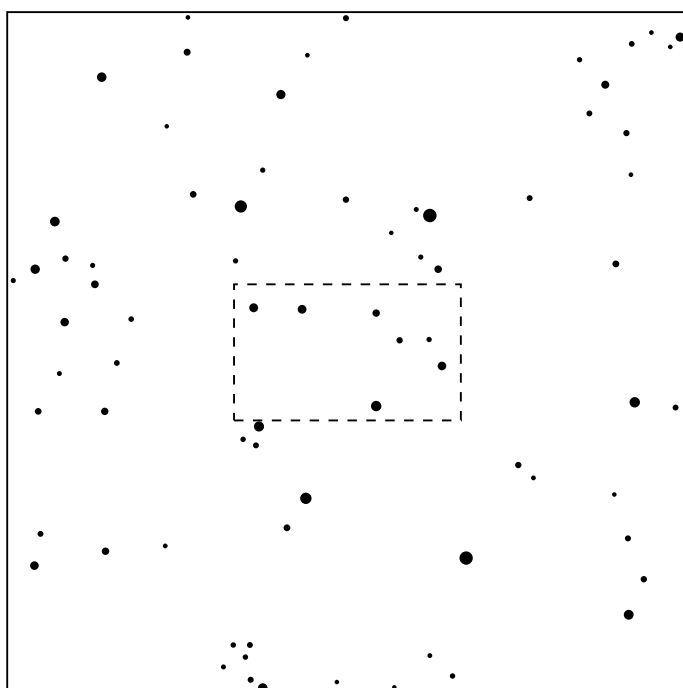
# 471 Papagena & TYC 4987-00614-1

2023 apr 24 17<sup>h</sup>57.6<sup>m</sup> U.T.

**Planet:**  $a = 2.89$ ,  $e = 0.23$   
 V. mag. = 11.83 Diam. = 127.0 km = 0.07"  
 $\mu = 30.44''/h$   $\pi = 3.41''$  Ref. = EG2021

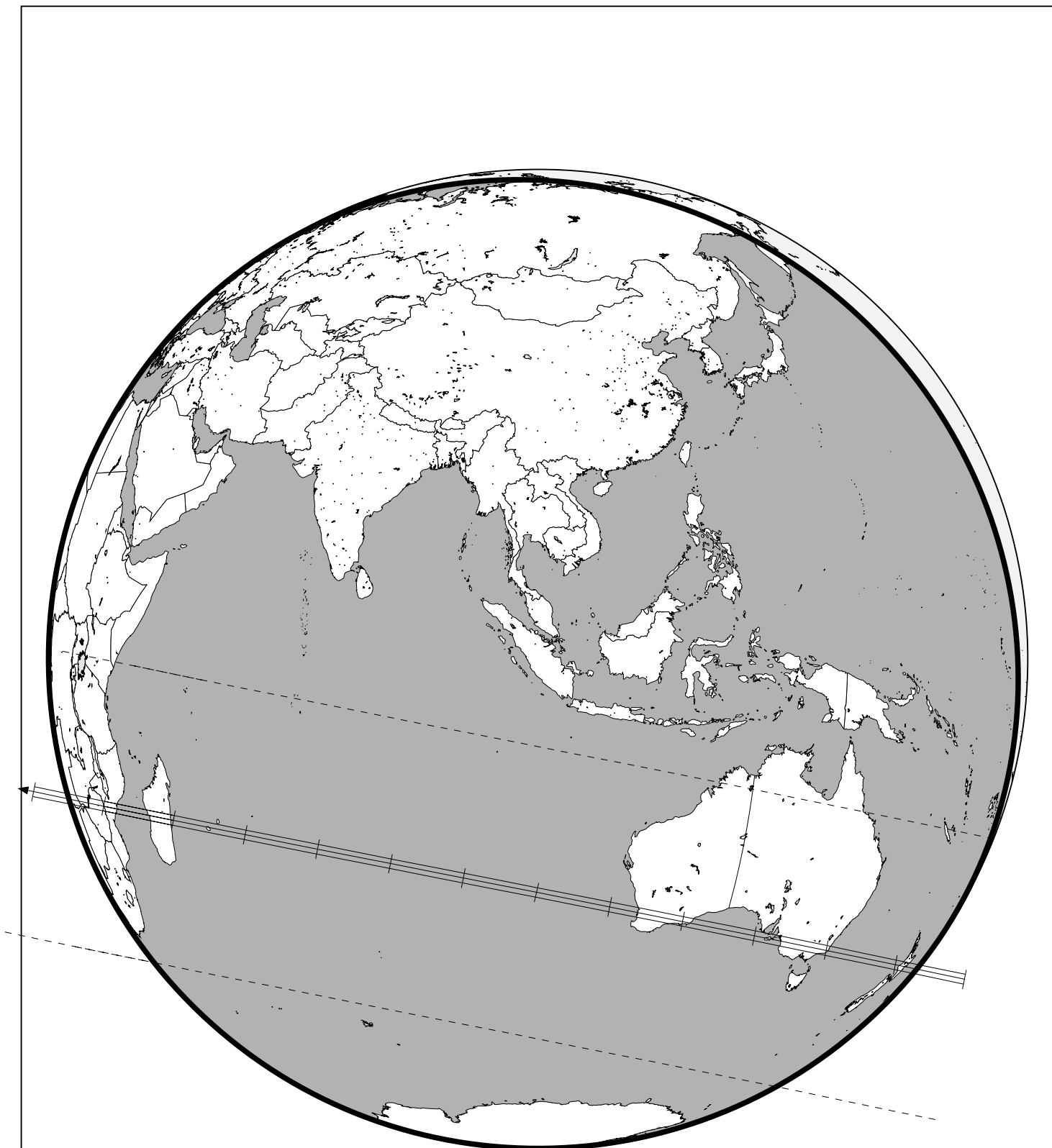
**Star:** Source cat. EDR3  
 $\alpha = 14^h53^m31.476^s$   $\delta = -1^\circ07'17.89''$   
 Vmag = 11.47 Bmag = 11.75

$\Delta m = 1.0$  Max. dur. = 8.0s Sun : 163° Moon : 129° , 22%



# 471 Papagena & TYC 4987-00614-1

2023 apr 24 17<sup>h</sup>57.6<sup>m</sup> U.T.



17h51m00s – 18h04m00s; int. 1m