

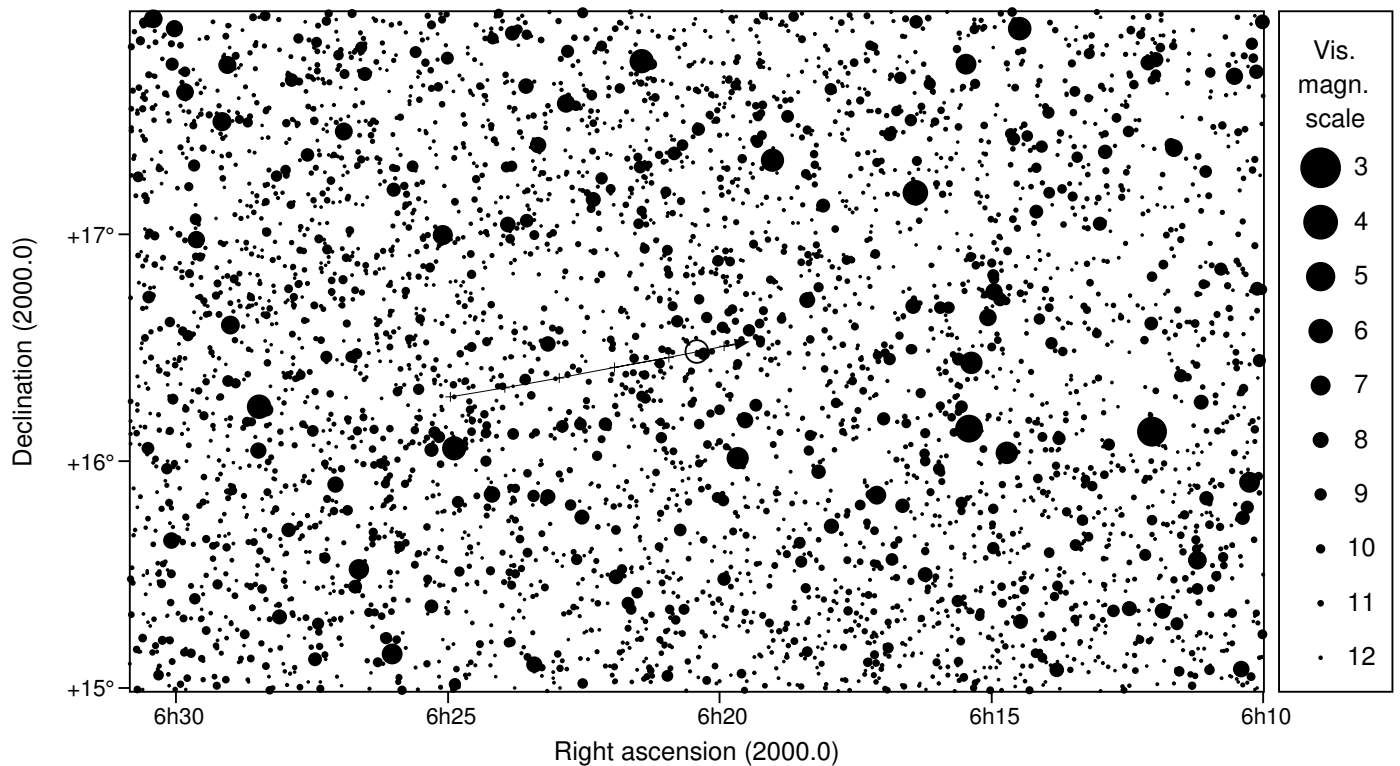
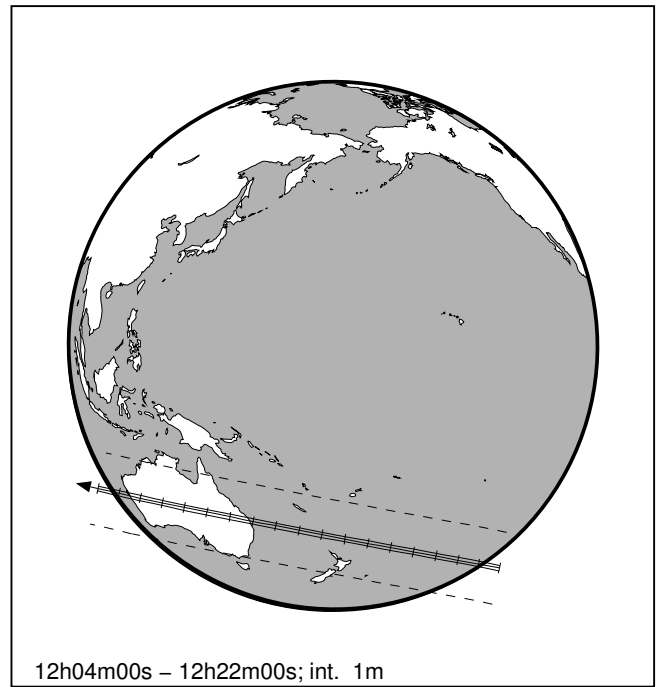
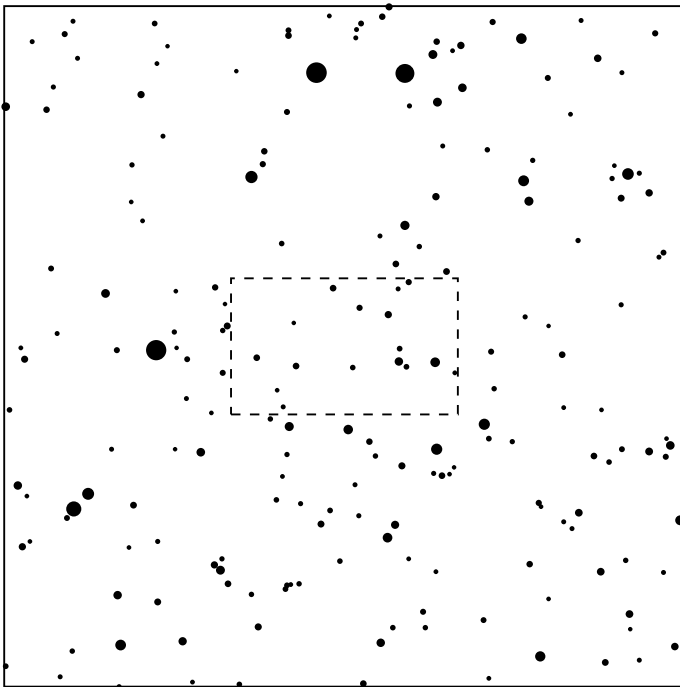
# 5 Astraea & PPMX 6030457

2023 dec 30 12<sup>h</sup>13.1<sup>m</sup> U.T.

**Planet:**  $a = 2.57, e = 0.19$   
 V. mag. = 9.30    Diam. = 125.0 km = 0.14"  
 $\mu = 36.93''/h$      $\pi = 7.25''$     Ref. = EG2021

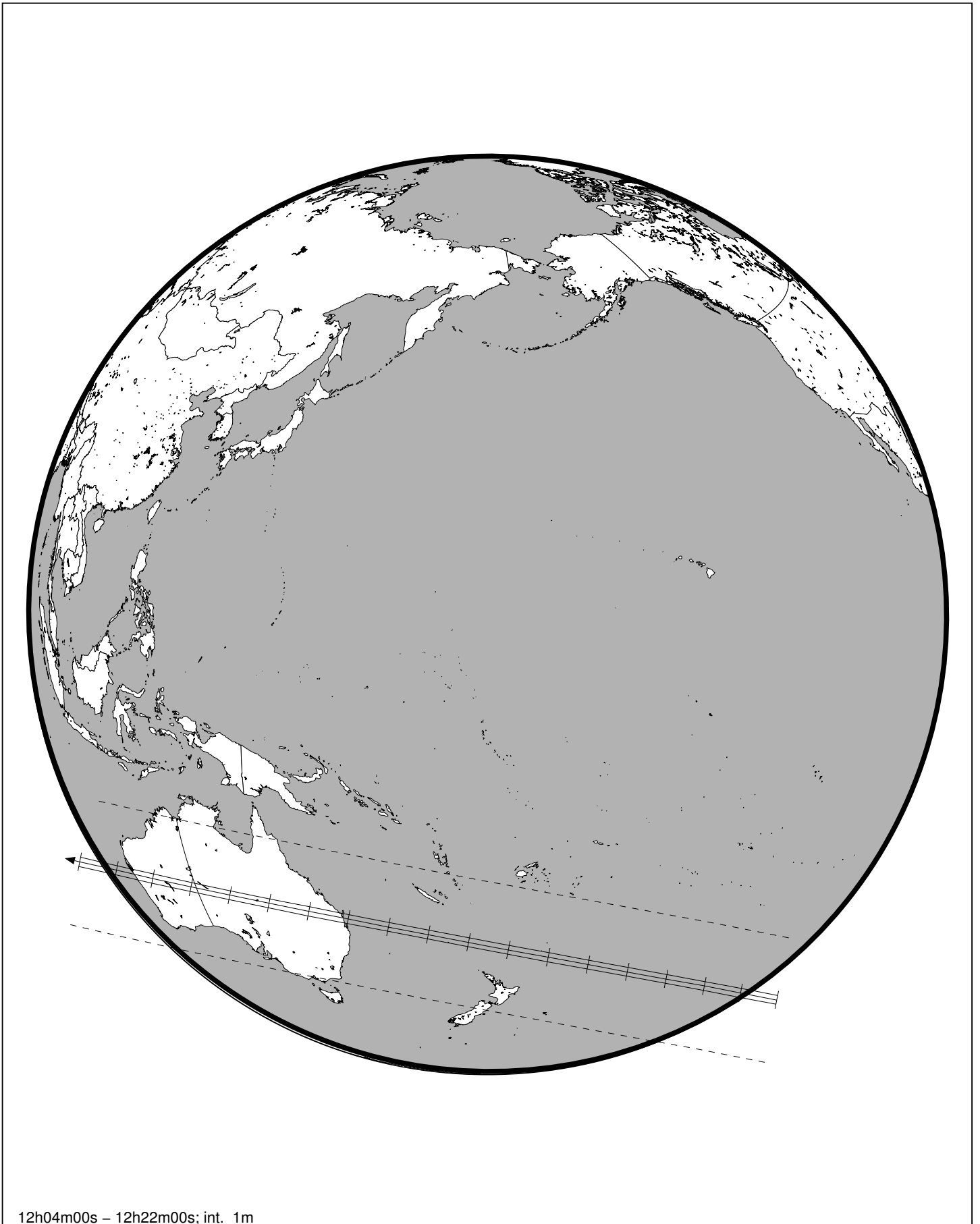
**Star:**    Source cat. PPMX  
 $\alpha = 6^h20^m25.215^s$      $\delta = +16^\circ28'56.68''$   
 Vmag = 12.46    mag =

$\Delta m = 0.1$     Max. dur. = 13.8s    Sun : 172°    Moon : 44° , 88%



# 5 Astraea & PPMX 6030457

2023 dec 30 12<sup>h</sup>13.1<sup>m</sup> U.T.



12h04m00s – 12h22m00s; int. 1m