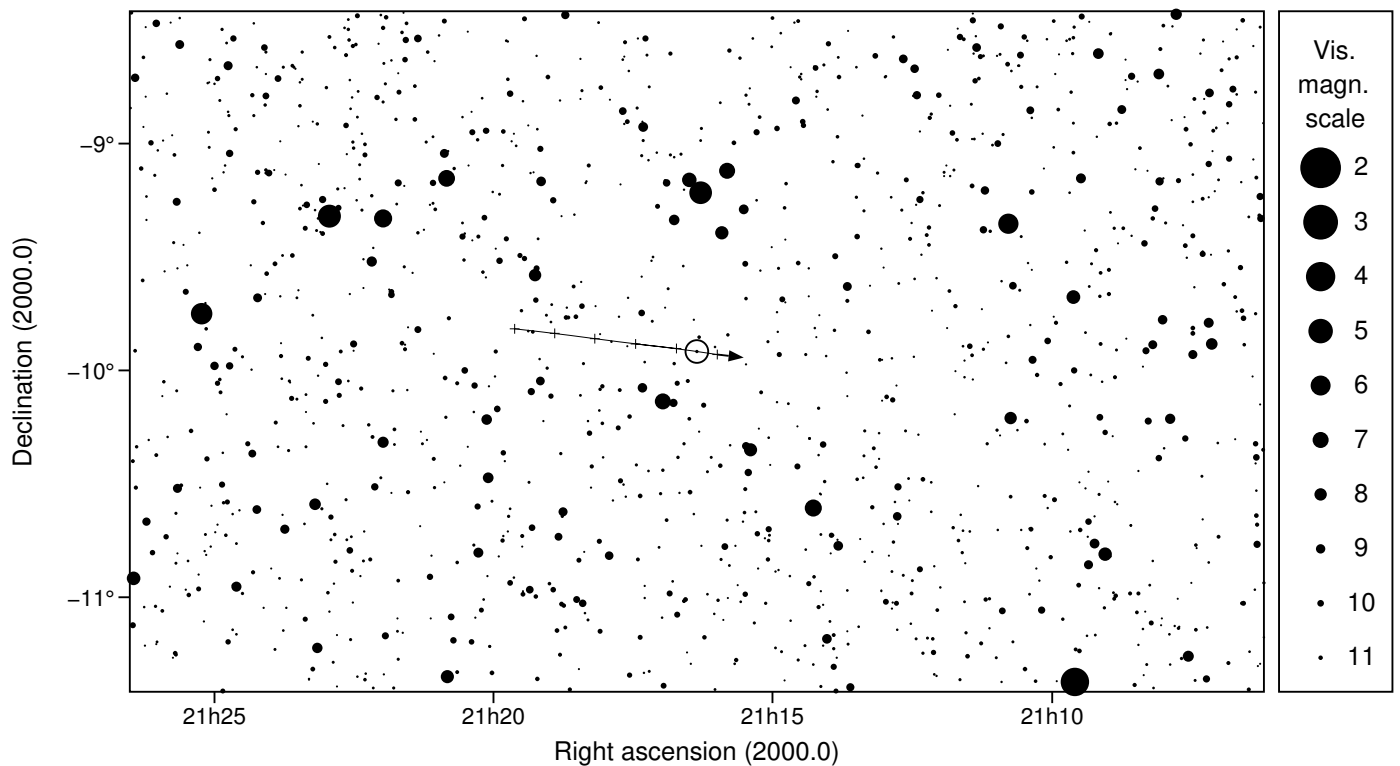
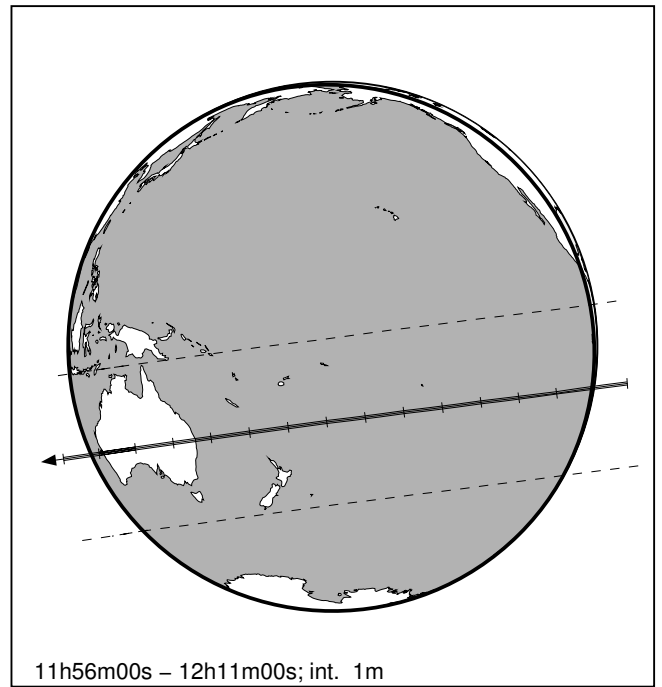
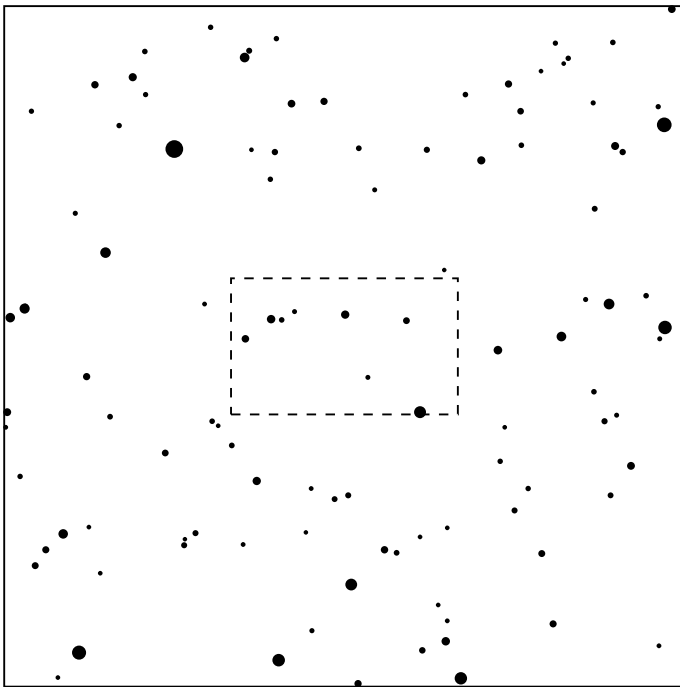


# 648 Pippa & TYC 5776-01073-1

2020 jul 30 12<sup>h</sup> 3.6<sup>m</sup> U.T.

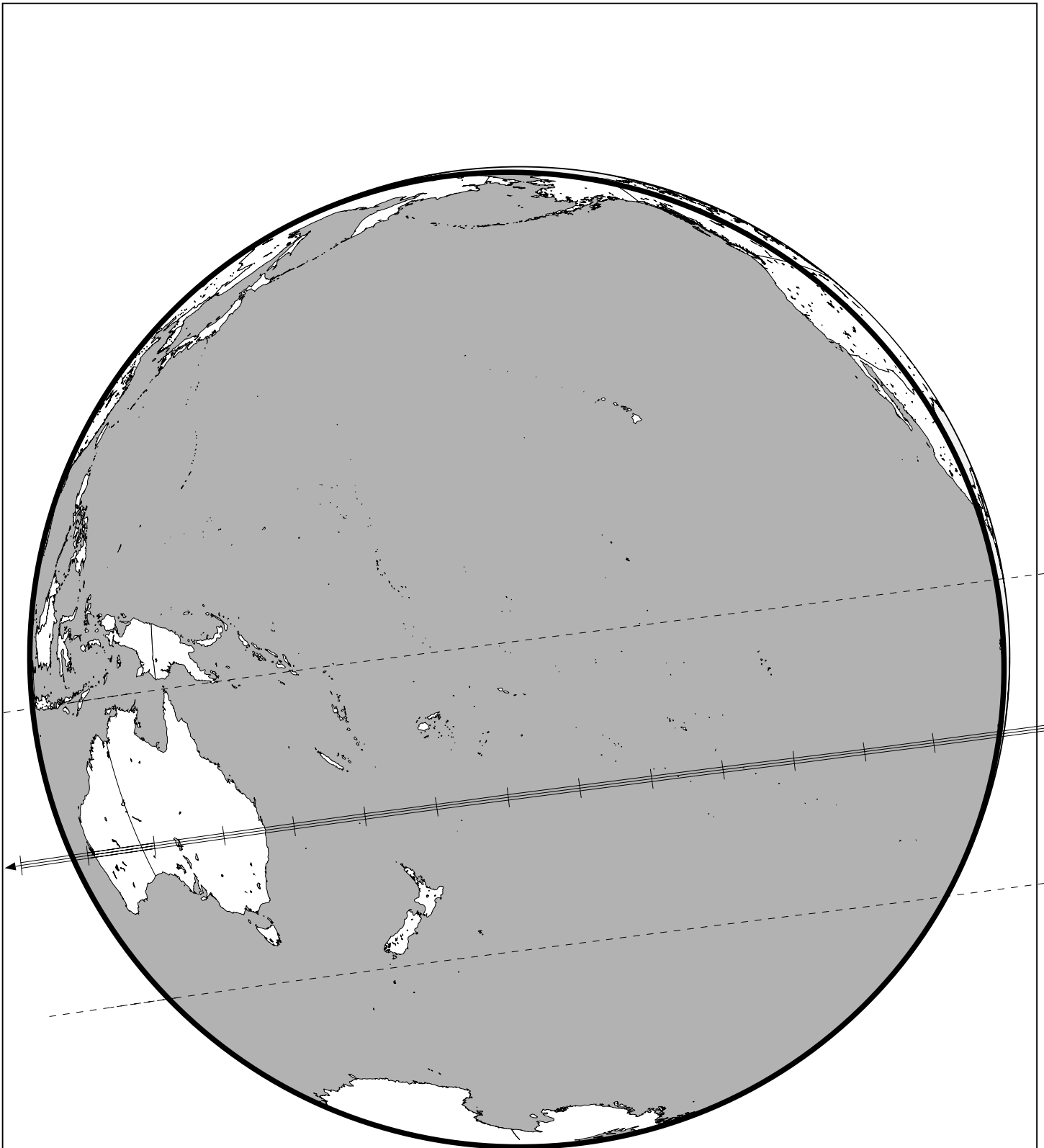
**Planet:**  $a = 3.21, e = 0.20$   
 V. mag. = 15.08 Diam. = 70.5 km = 0.04"  
 $\mu = 27.50''/h$   $\pi = 3.19''$  Ref. = EG2018  
 $\Delta m = 3.4$  Max. dur. = 4.6s

**Star:** Source cat. GDR2a  
 $\alpha = 21^h 16^m 21.464^s$   $\delta = -9^\circ 54' 57.58''$   
 Vmag = 11.71 Bmag = 11.82  
 Sun : 167° Moon : 62° , 81%



# 648 Pippa & TYC 5776-01073-1

2020 jul 30 12<sup>h</sup> 3.6<sup>m</sup> U.T.



11h56m00s – 12h11m00s; int. 1m