

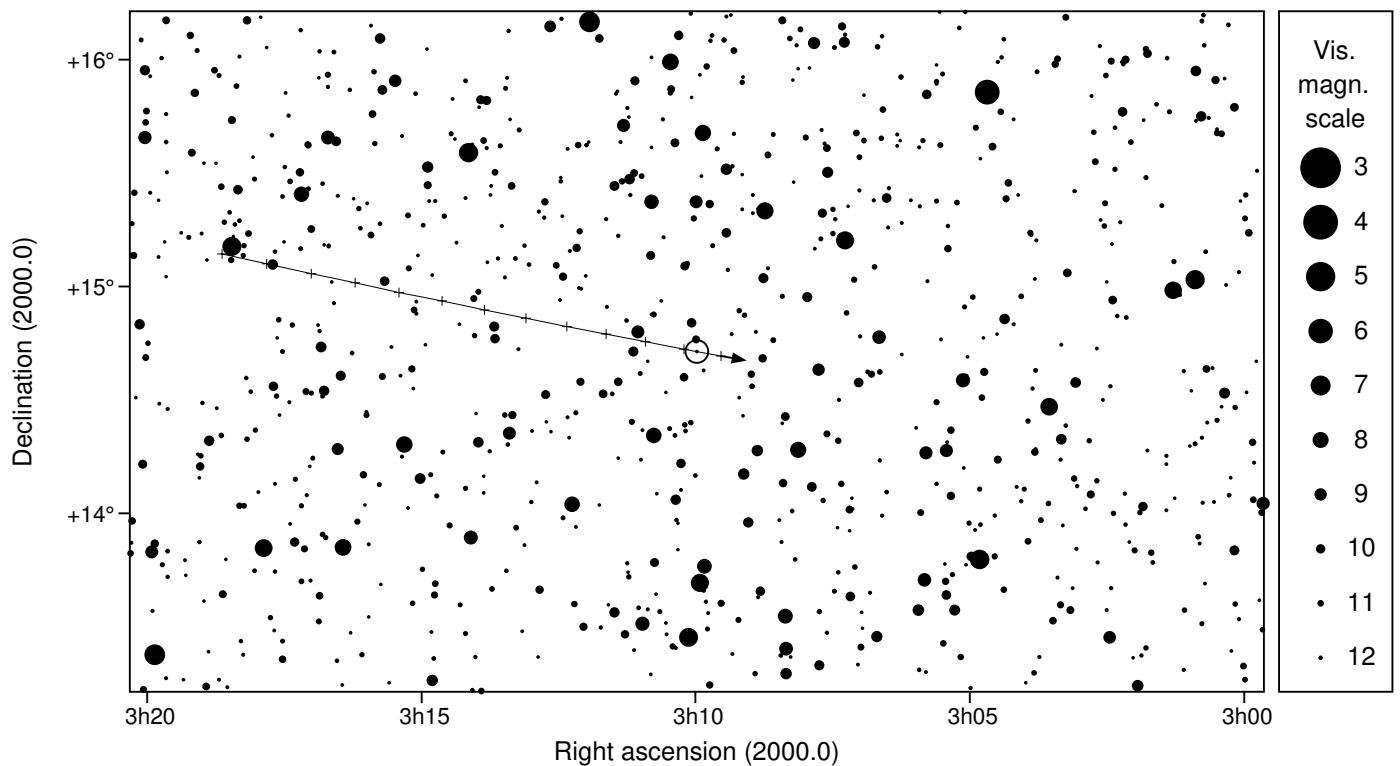
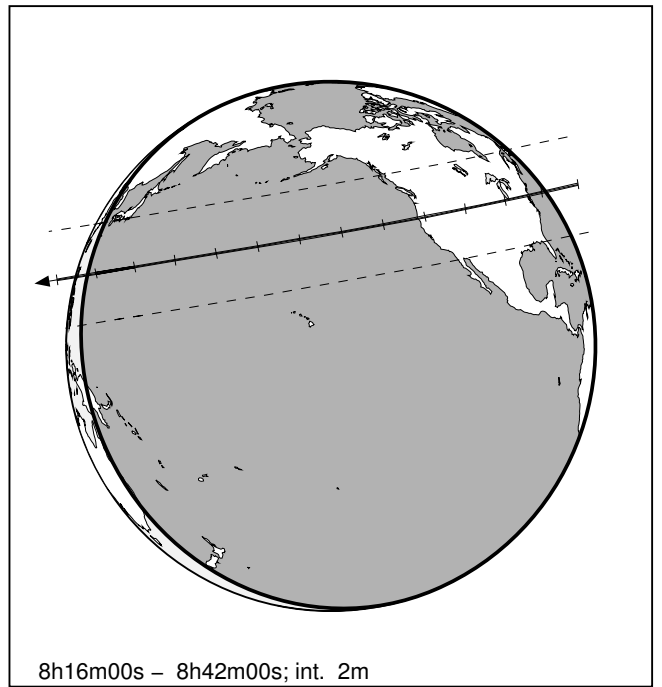
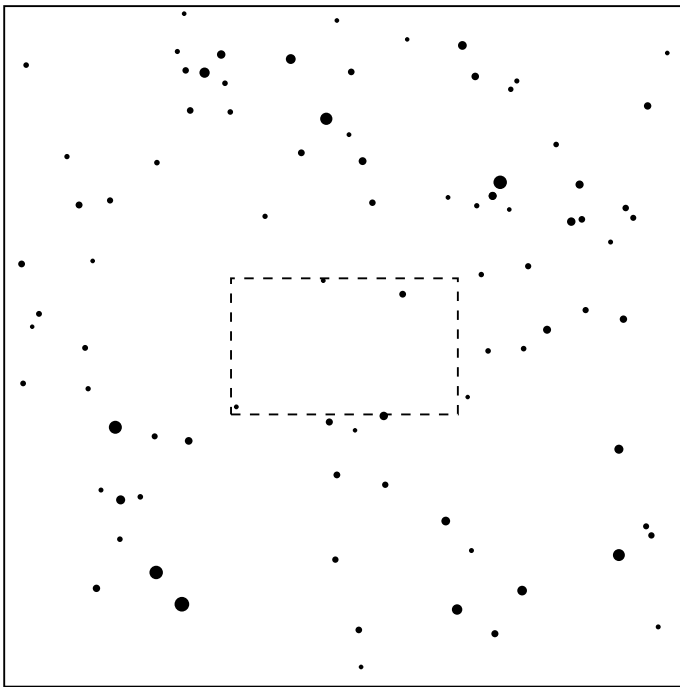
# 515 Athalia & PPMX 6861700

2025 dec 2 8<sup>h</sup>29.5<sup>m</sup> U.T.

**Planet:**  $a = 3.14, e = 0.17$   
 V. mag. = 14.89 Diam. = 43.0 km = 0.04"  
 $\mu = 25.08''/h$   $\pi = 5.42''$  Ref. = EG2023

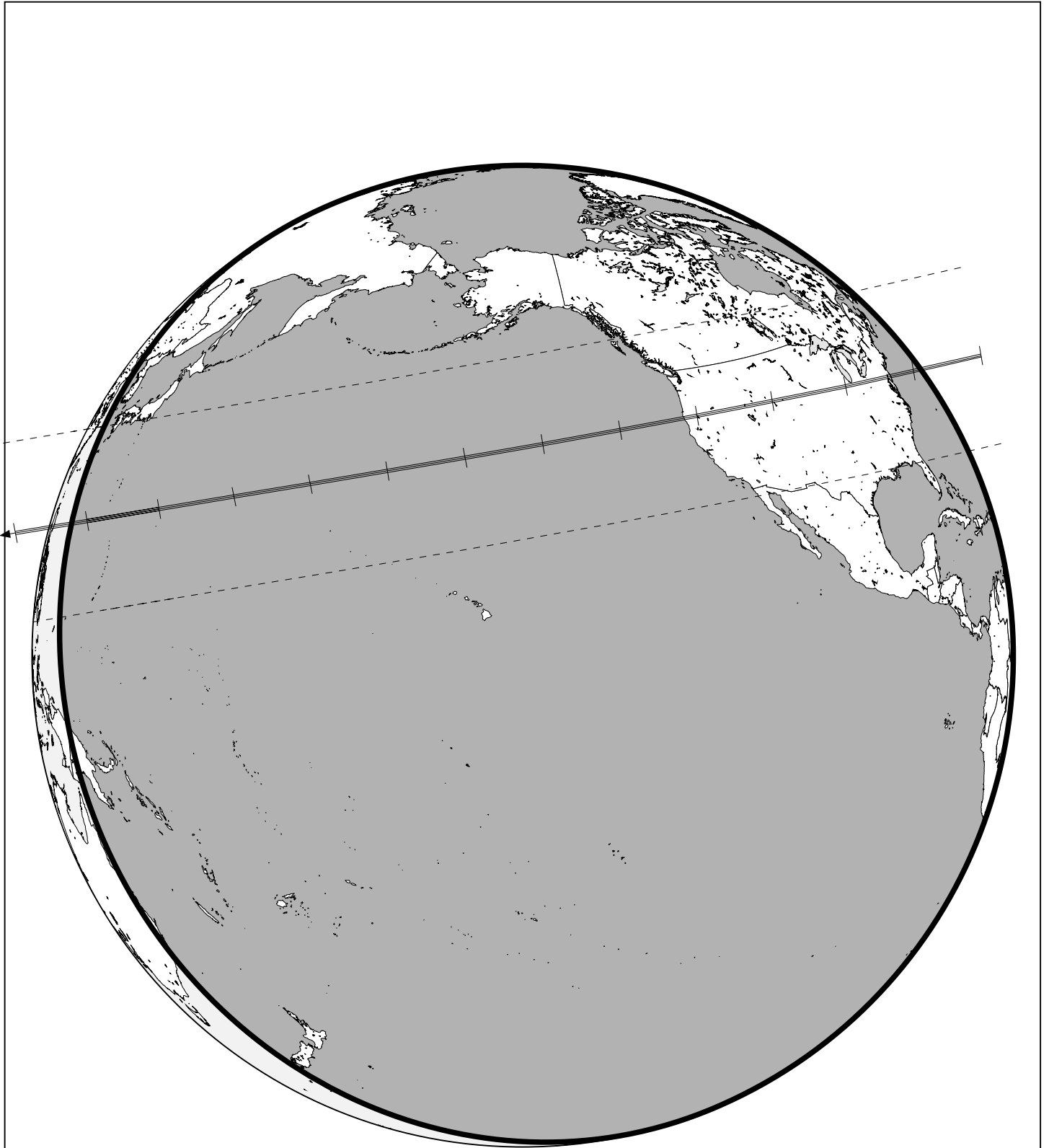
**Star:** Source cat. PPMX  
 $\alpha = 3^h09^m58.643^s$   $\delta = +14^\circ42'48.37''$   
 Vmag = 12.50 mag =

$\Delta m = 2.5$  Max. dur. = 5.2s Sun : 158° Moon : 18° , 90%



# 515 Athalia & PPMX 6861700

2025 dec 2 8<sup>h</sup>29.5<sup>m</sup> U.T.



8h16m00s – 8h42m00s; int. 2m