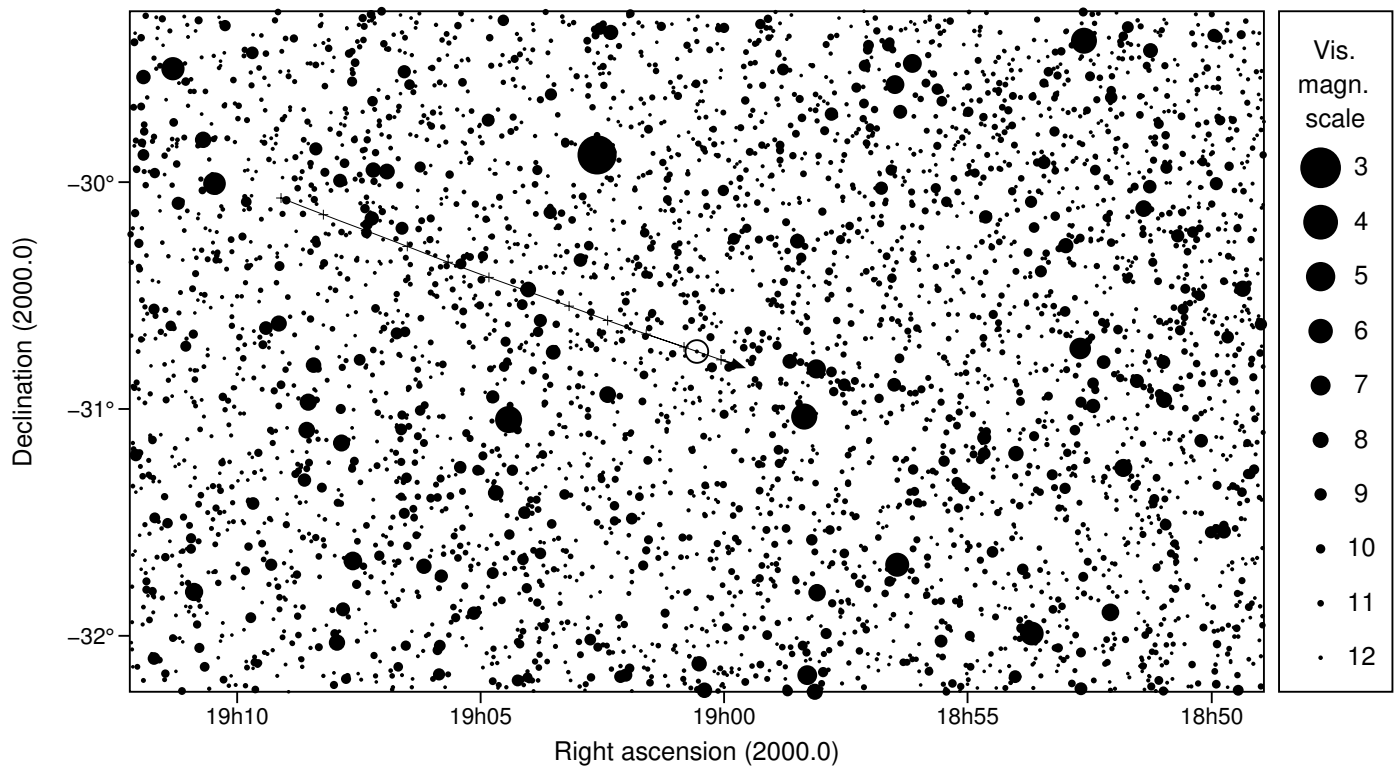
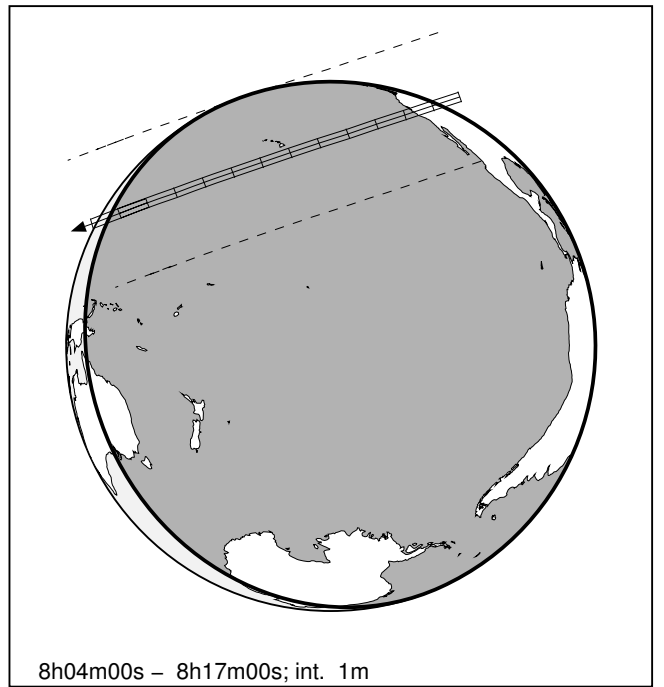
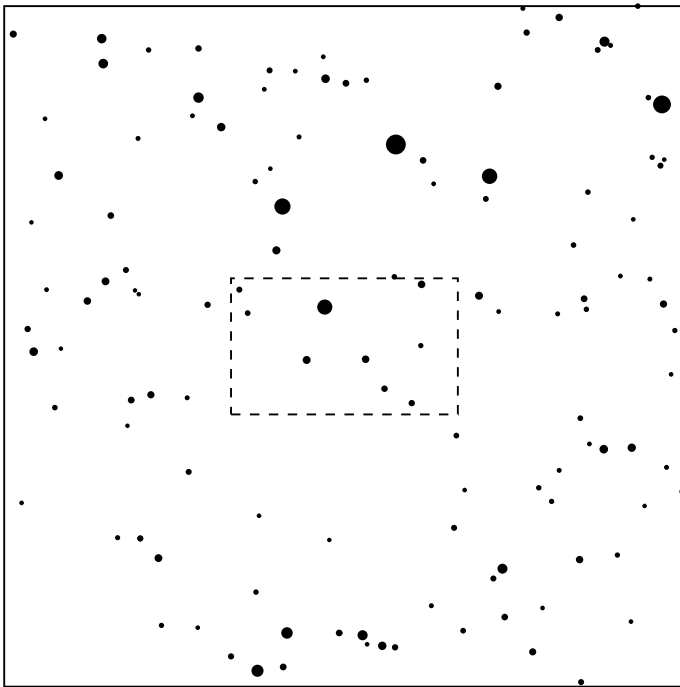


# 451 Patientia & UCAC4 297-213962

2026 jul 29 8<sup>h</sup>10.8<sup>m</sup> U.T.

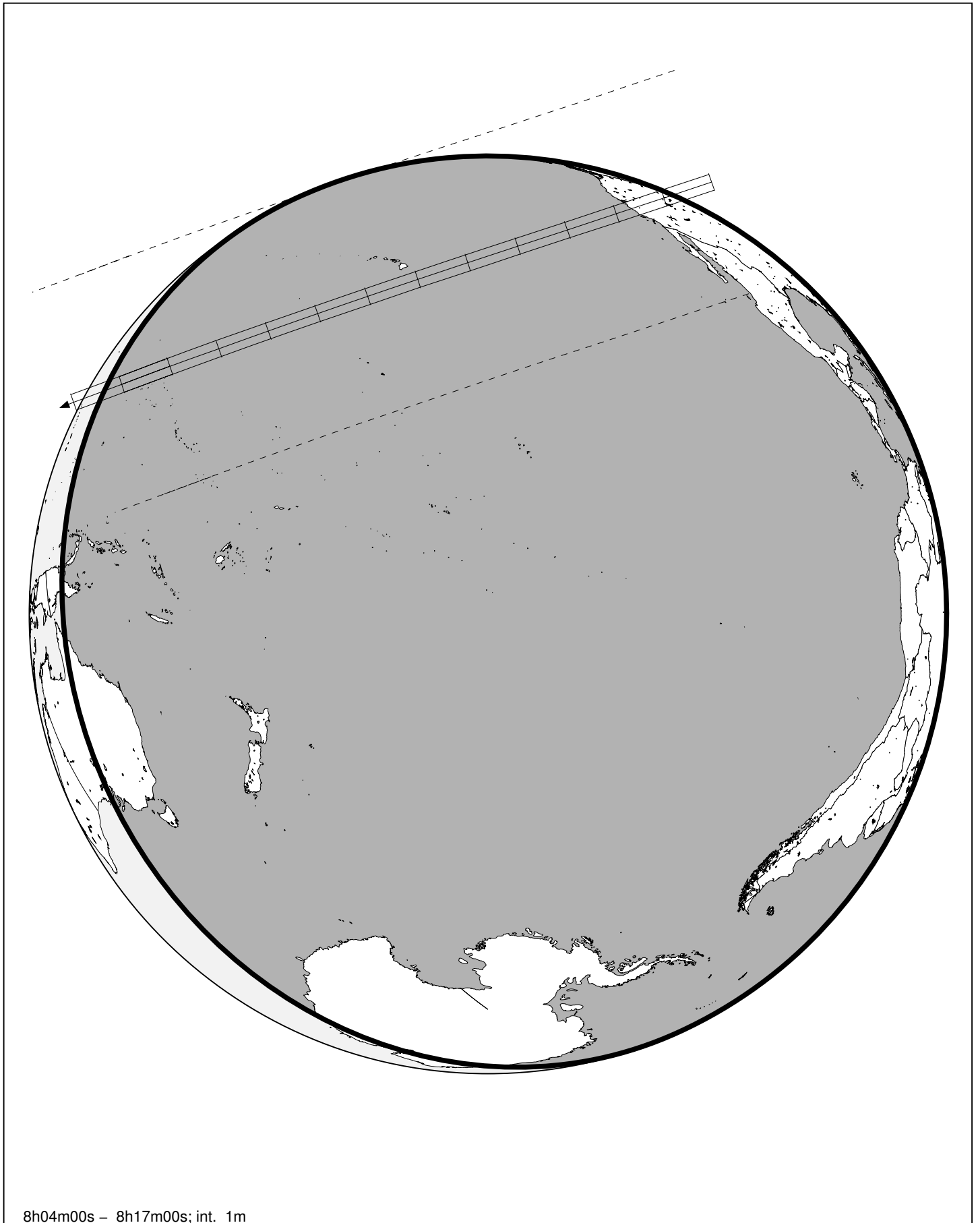
**Planet:**  $a = 3.06, e = 0.07$   
 V. mag. = 11.46 Diam. = 230.0 km = 0.14"  
 $\mu = 26.00''/h$   $\pi = 3.90''$  Ref. = EG2024  
 $\Delta m = 0.4$  Max. dur. = 19.5s

**Star:** Source cat. DR3  
 $\alpha = 19^h00^m33.572^s$   $\delta = -30^\circ44'53.41''$   
 Vmag = 12.24 Bmag = 12.91  
 Sun : 155° Moon : 20° ,100%



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8h04m00s – 8h17m00s; int. 1m