

# 59 Elpis & UCAC4 499-015843

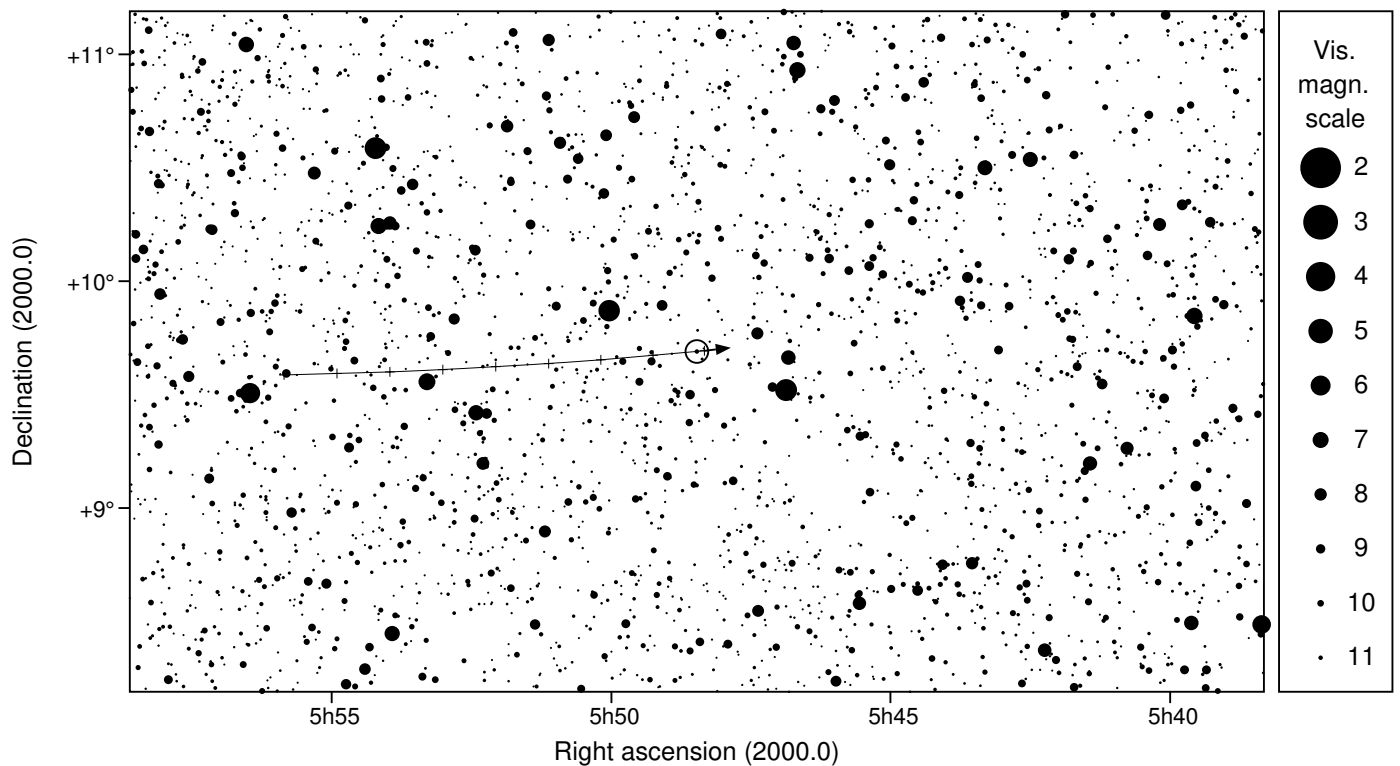
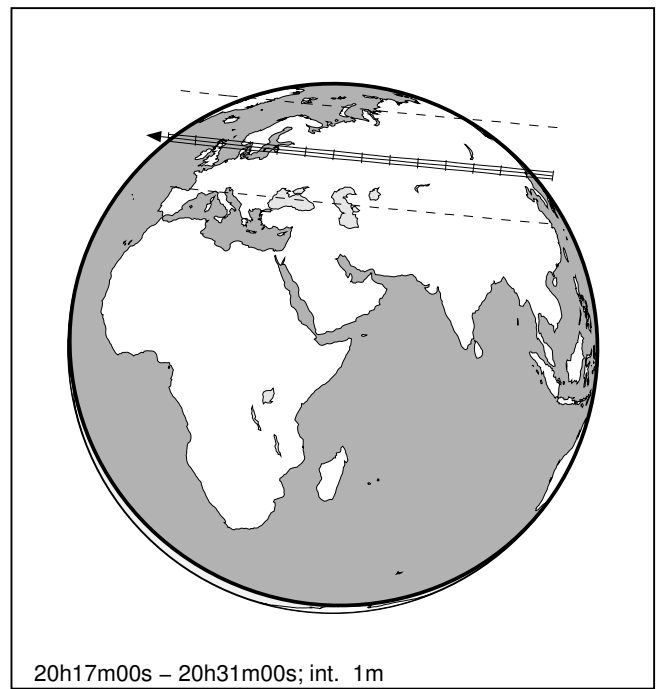
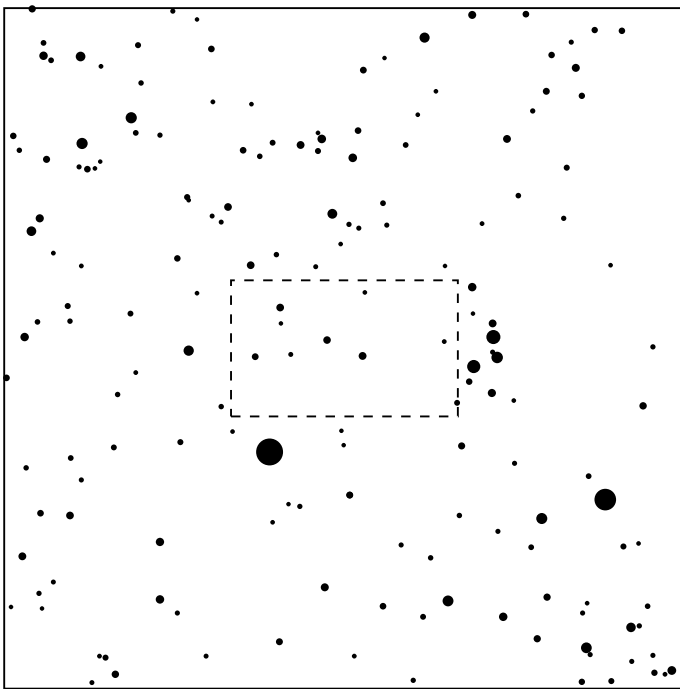
2026 dec 25 20<sup>h</sup>24.3<sup>m</sup> U.T.

**Planet:**  $a = 2.71, e = 0.12$   
 V. mag. = 11.46 Diam. = 173.0 km = 0.15"  
 $\mu = 34.29''/h$   $\pi = 5.48''$  Ref. = EG2024

**Star:** Source cat. DR3  
 $\alpha = 5^h48^m28.165^s$   $\delta = +09^\circ41'28.62''$   
 Vmag = 11.02 Bmag = 12.33

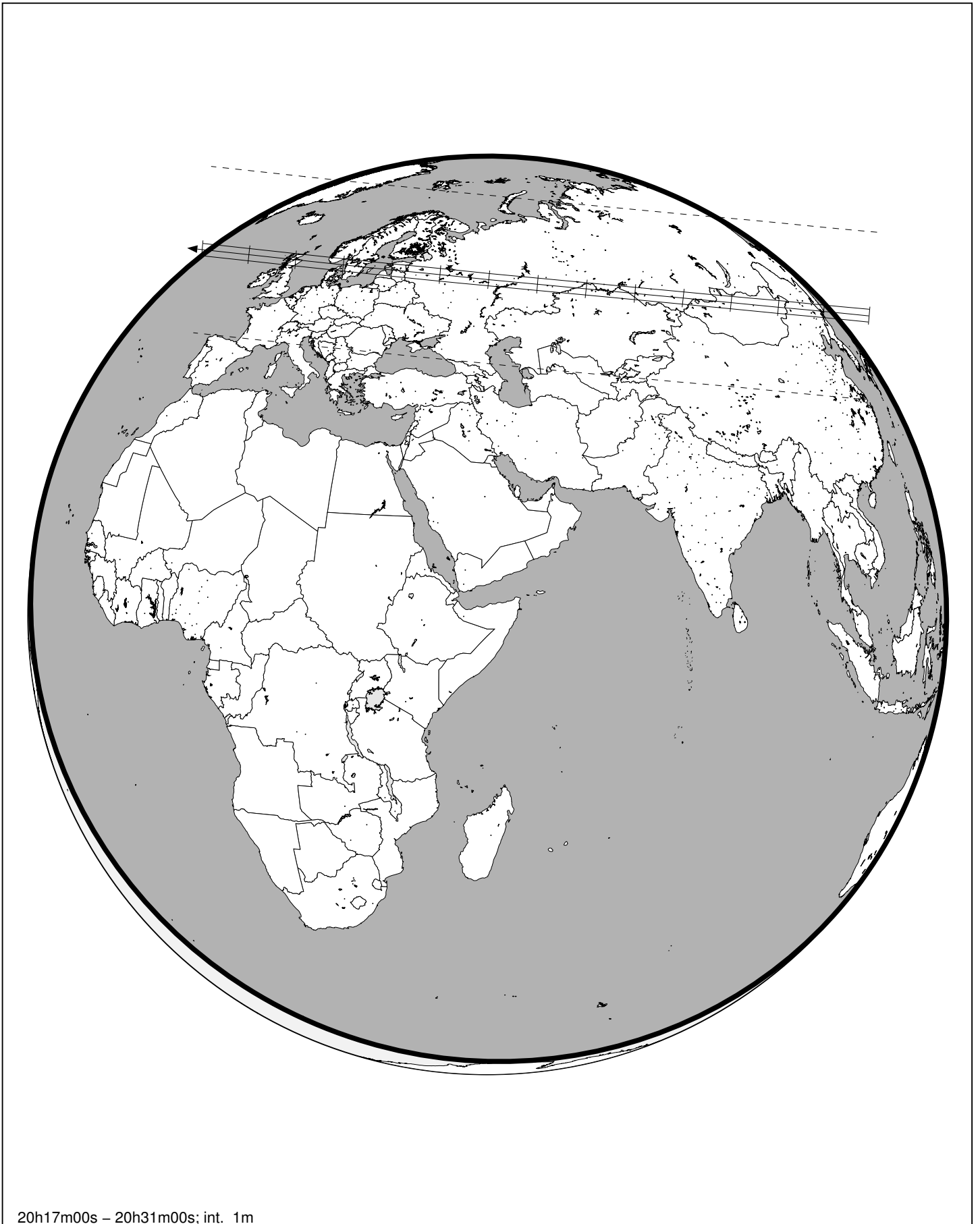
$\Delta m = 1.0$  Max. dur. = 15.6s

Sun : 164° Moon : 35° , 95%



# 59 Elpis & UCAC4 499-015843

2026 dec 25 20<sup>h</sup>24.3<sup>m</sup> U.T.



20h17m00s – 20h31m00s; int. 1m