

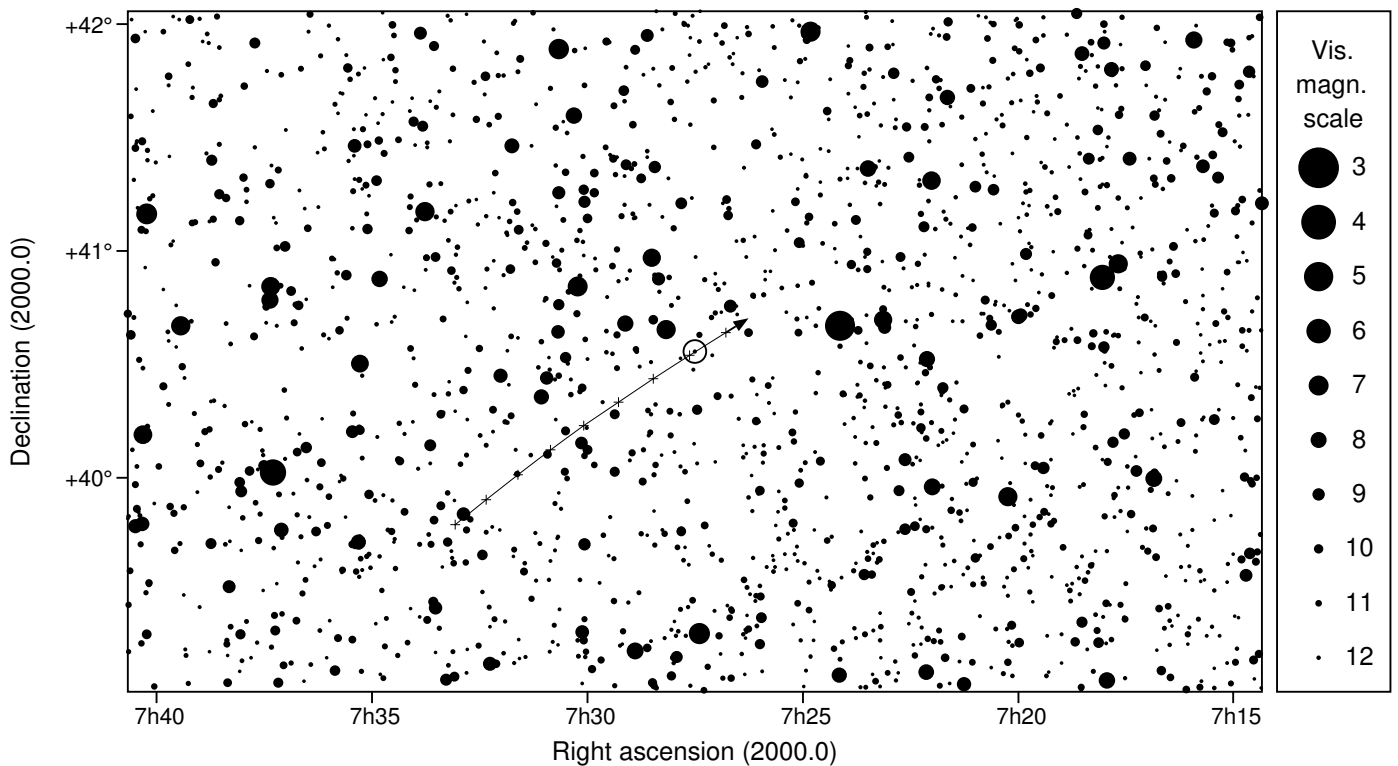
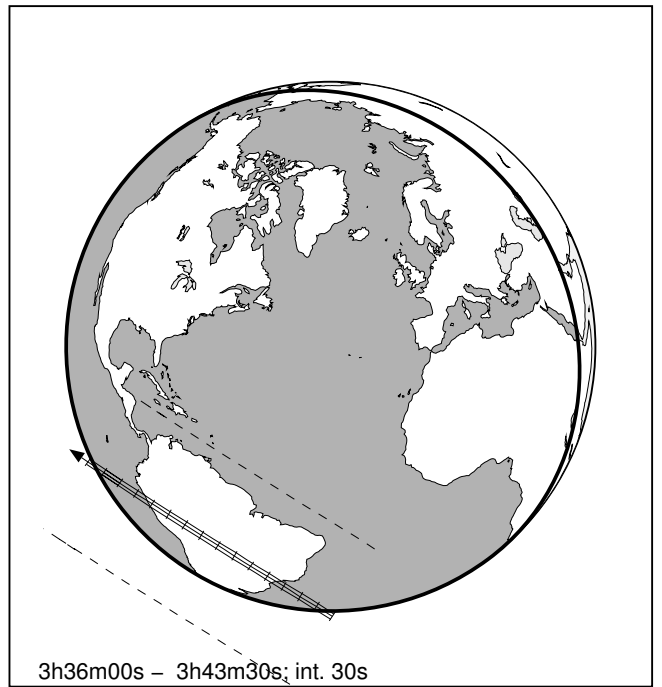
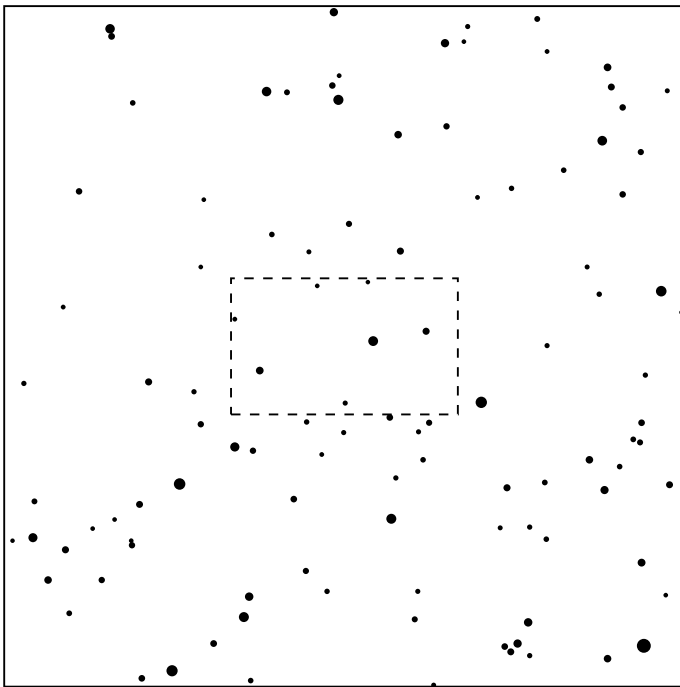
# 536 Merapi & UCAC4 653-048130

2025 dec 22 3<sup>h</sup>39.8<sup>m</sup> U.T.

**Planet:** a = 3.50, e = 0.09  
 V. mag. = 13.47 Diam. = 158.0 km = 0.08"  
 μ = 28.40"/h π = 3.31" Ref. = EG2023

**Star:** Source cat. DR3  
 α = 7<sup>h</sup>27<sup>m</sup>30.158<sup>s</sup> δ = +40°33'29.80"  
 Vmag = 12.18 Bmag = 12.69

Δm = 1.6 Max. dur. = 10.4s Sun : 155° Moon : 164° , 4%



# 536 Merapi & UCAC4 653-048130

2025 dec 22 3<sup>h</sup>39.8<sup>m</sup> U.T.



3h36m00s – 3h43m30s; int. 30s